

# **IDQ SERVICE PRICE LIST 2026**

**Reference Number: IDQ-Q-202601**

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\*The Service price list is written in Chinese and English version. In case of any discrepancy between the two versions, the Chinese version shall prevail.



## IDQ SERVICE PRICE 2026

Item	Description	Qty.	Unit	Amount (MOP)	Remark
1.	<b>Energy System Testing Services</b>				
1.1	Uninterruptible Power Supply (UPS) System Test	1	Unit	\$12,000.00	
1.2	Photovoltaic System Power Quality Test	1	Day	\$12,500.00	
1.3	Testing Equipment Transportation Fee	1	Unit	\$1,500.00	
1.4	Site Visit Charge (Per Half Day)	1	Item	\$1,000.00	
1.5	Attendance Fee (applicable to the case which attended to the scene but the conditions are not available to test)	1	Item	\$2,000.00	
1.6	Additional Charge: Overtime (1 person.hour)	1	Unit	\$500.00	
1.7	Additional Charge: Work on Saturday, Sunday, Public Holiday or Government Holiday	1	Item	50% of basic charge	
1.8	Additional Charge: Work on Labor Holiday	1	Item	100% of basic charge	
1.9	Additional Charge: Report Urgent Processing (within 7 working days)	1	Item	30% of basic charge	
1.10	Additional Charge: Report Re-issue (Original Report)	1	Copy	\$500.00	
1.11	Additional Charge: Data change charge (per request)	1	Item	\$1,000.00	
1.12	Additional Charge: Booking cancel charge (per request)	1	Item	\$1,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
2.	<b>Hot Water Boiler Testing Services</b>				
2.1	Safety Function Test Witness	1	Unit	\$2,500.00	
2.2	Boiler Safety Valve On-line Calibration ( $\geq$ DN32)	1	Unit	\$5,300.00	only for safety valve with lever
2.3	Boiler Safety Valve Off-line Calibration ( $\leq$ DN50)	1	Unit	\$1,250.00	deliver to IDQ
2.4	Boiler Safety Valve Off-line Calibration ( $>$ DN50)	1	Unit	\$2,000.00	deliver to IDQ
2.5	Safety Valve Transportation Fee	1	Item	\$1,500.00	weight is limited
2.6	Site Visit Charge (Per Half Day)	1	Item	\$1,000.00	
2.7	Attendance Fee (applicable to the case which attended to the scene but the conditions are not available to test)	1	Item	\$2,000.00	
2.8	Additional Charge: Overtime (1 person.hour)	1	Unit	\$500.00	
2.9	Additional Charge: Work on Saturday, Sunday, Public Holiday or Government Holiday	1	Item	50% of basic charge	
2.10	Additional Charge: Work on Labor Holiday	1	Item	100% of basic charge	
2.11	Additional Charge: Report Urgent Processing (within 7 working days)	1	Item	30% of basic charge	
2.12	Additional Charge: Report Re-issue (Original Report)	1	Copy	\$500.00	
2.13	Additional Charge: Data change charge (per request)	1	Item	\$1,000.00	
2.14	Additional Charge: Booking cancel charge (per request)	1	Item	\$1,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
3.	<b>Renewal Service of Welder's Qualification Certificate Accredited by Training Course</b>				
3.1	Renewal Service of Welder's Qualification Certificate Accredited by Training Course	1	Item	\$2,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>4.</b>	<b>Fire test</b>				
4.1	Fire Resistance Test (BS Standard)				
4.1.1	Fire Resistance Test for Fire Door (BS Standard: BS476-20&22:1987)				
4.1.1.1	30 min	1	Unit	\$31,000.00	
4.1.1.2	60 min	1	Unit	\$34,500.00	
4.1.1.3	90 min	1	Unit	\$38,000.00	
4.1.1.4	120 min	1	Unit	\$41,500.00	
4.1.1.5	180 min	1	Unit	\$50,000.00	
4.1.1.6	240 min	1	Unit	\$55,000.00	
4.1.2	Fire Resistance Test for Partition / Wall (BS Standard: BS476-20&22:1987)				
4.1.2.1	60 min	1	Unit	\$38,000.00	
4.1.2.2	90 min	1	Unit	\$41,500.00	
4.1.2.3	120 min	1	Unit	\$45,100.00	
4.1.2.4	180 min	1	Unit	\$54,000.00	
4.1.2.5	240 min	1	Unit	\$59,000.00	
4.1.3	Fire Resistance Test for Fire Rated Glass/Glazing (BS Standard: BS476-20&22:1987)				
4.1.3.1	30 min	1	Unit	\$34,500.00	
4.1.3.2	60 min	1	Unit	\$38,000.00	
4.1.3.3	90 min	1	Unit	\$41,800.00	
4.1.3.4	120 min	1	Unit	\$45,600.00	
4.1.3.5	180 min	1	Unit	\$57,300.00	
4.1.3.6	240 min	1	Unit	\$66,300.00	
4.1.4	Fire Resistance Test for Fire Curtain/ Fire Shutter (BS Standard: BS476-20&22:1987)				
4.1.4.1	30 min	1	Unit	\$48,500.00	
4.1.4.2	60 min	1	Unit	\$54,000.00	
4.1.4.3	90 min	1	Unit	\$59,500.00	
4.1.4.4	120 min	1	Unit	\$65,000.00	
4.1.4.5	180 min	1	Unit	\$68,000.00	
4.1.4.6	240 min	1	Unit	\$72,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
4.1.5	Fire Resistance Test for Fire Damper (BS Standard: BS476-20:1987)				
4.1.5.1	30 min	1	Unit	\$34,500.00	
4.1.5.2	60 min	1	Unit	\$38,000.00	
4.1.5.3	90 min	1	Unit	\$41,800.00	
4.1.5.4	120 min	1	Unit	\$45,600.00	
4.1.5.5	180 min	1	Unit	\$54,000.00	
4.1.5.6	240 min	1	Unit	\$62,500.00	
4.1.6	Fire Resistance Test for Fire-stops / Fire Intumescent Material (BS Standard: BS476-20:1987)				
4.1.6.1	30 min	1	Unit	\$31,500.00	
4.1.6.2	60 min	1	Unit	\$34,600.00	
4.1.6.3	90 min	1	Unit	\$42,200.00	
4.1.6.4	120 min	1	Unit	\$46,000.00	
4.1.6.5	180 min	1	Unit	\$51,400.00	
4.1.6.6	240 min	1	Unit	\$62,000.00	
4.1.7	Fire Resistance Test for Fire Rated Ventilation Duct (BS Standard: BS476-20:1987)				
4.1.7.1	30 min	1	Unit	\$38,000.00	
4.1.7.2	60 min	1	Unit	\$41,100.00	
4.1.7.3	90 min	1	Unit	\$45,100.00	
4.1.7.4	120 min	1	Unit	\$49,100.00	
4.1.7.5	180 min	1	Unit	\$58,000.00	
4.1.7.6	240 min	1	Unit	\$66,700.00	
4.1.8	Fire Resistance Test for Ceiling Membranes / Horizontal Non-Loadbearing Elements of Construction (BS Standard: BS476-20&22:1987 / BS476-20:1987)				
4.1.8.1	60 min	1	Unit	\$43,000.00	
4.1.8.2	90 min	1	Unit	\$46,000.00	
4.1.8.3	120 min	1	Unit	\$50,000.00	
4.1.8.4	180 min	1	Unit	\$58,000.00	
4.1.8.5	240 min	1	Unit	\$65,000.00	
4.1.9	Non-Combustibility Test for Materials (BS Standard: BS476-4:1970)	1	Unit	\$16,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
4.1.10	Fire Resistance Test for Fire Rated Fan (BS Standard: BS476-20:1987)				
4.1.10.1	30 min	1	Unit	\$38,000.00	
4.1.10.2	60 min	1	Unit	\$41,100.00	
4.1.10.3	90 min	1	Unit	\$45,100.00	
4.1.10.4	120 min	1	Unit	\$49,100.00	
4.1.10.5	180 min	1	Unit	\$58,000.00	
4.1.10.6	240 min	1	Unit	\$66,700.00	
4.1.11	Reassessment for Fire Test Report, Issue the English Fire Test Report and True Copy of Fire Report				
4.1.11.1	Reassessment for Fire Test Report	1	Unit	\$10,000.00	
4.1.11.2	Issue the English Fire Test Report	1	Unit	\$6,000.00	
4.1.11.3	True Copy of Fire Report	1	Unit	\$3,000.00	
4.1.12	Dimension and Ironmongery assessment report for Fire Door				
4.1.12.1	Dimension assessment report for Fire Door	1	Unit	\$10,000.00	
4.1.12.2	Dimension and Ironmongery assessment report for Fire Door	1	Unit	\$20,000.00	
4.1.13	Postpone of test, service charge (Applicable to the additional fees charged when IDQ has arranged the test date, but the Client did not apply to delay before the specified time, or the scheduled test is cancelled due to the test pieces have been installing on site but not completed or failed to meet the laboratory test requirements)	1	Unit	30% of testing fee	
4.1.14	Overtime installation fee per hour outside the office hours (Less than 1 hour will be calculated as 1 hour)	1	Hour	\$1,000.00	
4.1.15	Cleaning fee of clean up the installation site	1	Unit	\$5,000.00	
4.1.16	Demolition fee of the test specimen	1	Unit	\$8,000.00	
4.1.17	Retest costs of functional test or leakage test	1	Unit	\$20,000.00	
4.2	Fire Resistance Test (BS EN Standard)				
4.2.1	Fire Resistance Test for Fire Door (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1634-1: 2014 + A1: 2018 & BS EN 13501-2: 2016)				
4.2.1.1	30 min	1	Unit	\$38,000.00	
4.2.1.2	45 min	1	Unit	\$40,000.00	
4.2.1.3	60 min	1	Unit	\$42,000.00	
4.2.1.4	90 min	1	Unit	\$46,000.00	
4.2.1.5	120 min	1	Unit	\$50,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
4.2.1.6	180 min	1	Unit	\$61,000.00	
4.2.1.7	240 min	1	Unit	\$66,000.00	
4.2.2	Fire Resistance Test for Partition / Wall (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1364-1: 2015 & BS EN 13501-2:2016)				
4.2.2.1	45 min	1	Unit	\$42,000.00	
4.2.2.2	60 min	1	Unit	\$44,000.00	
4.2.2.3	90 min	1	Unit	\$48,000.00	
4.2.2.4	120 min	1	Unit	\$52,000.00	
4.2.2.5	180 min	1	Unit	\$62,000.00	
4.2.2.6	240 min	1	Unit	\$68,000.00	
4.2.3	Fire Resistance Test for Fire Rated Glass/Glazing (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1364-1: 2015 / BS EN 1634-1: 2014 + A1: 2018 & BS EN 13501-2:2016)				
4.2.3.1	30 min	1	Unit	\$40,000.00	
4.2.3.2	45 min	1	Unit	\$42,000.00	
4.2.3.3	60 min	1	Unit	\$44,000.00	
4.2.3.4	90 min	1	Unit	\$48,000.00	
4.2.3.5	120 min	1	Unit	\$53,000.00	
4.2.3.6	180 min	1	Unit	\$66,000.00	
4.2.3.7	240 min	1	Unit	\$76,000.00	
4.2.4	Fire Resistance Test for Fire Curtain/ Fire Shutter (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1634-1: 2014 + A1: 2018 & BS EN 13501-2:2016)				
4.2.4.1	30 min	1	Unit	\$60,800.00	
4.2.4.2	45 min	1	Unit	\$67,100.00	
4.2.4.3	60 min	1	Unit	\$70,300.00	
4.2.4.4	90 min	1	Unit	\$73,400.00	
4.2.4.5	120 min	1	Unit	\$79,700.00	
4.2.4.6	180 min	1	Unit	\$83,000.00	
4.2.4.7	240 min	1	Unit	\$87,500.00	
4.2.5	Fire Resistance Test for Fire Damper (Unit Price for Each Fire Resistance Test ) (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1366-2:2015 & BS EN 13501-3: 2025)				
4.2.5.1	30 min	1	Unit	\$40,000.00	
4.2.5.2	45 min	1	Unit	\$42,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
4.2.5.3	60 min	1	Unit	\$44,000.00	
4.2.5.4	90 min	1	Unit	\$48,000.00	
4.2.5.5	120 min	1	Unit	\$53,000.00	
4.2.5.6	180 min	1	Unit	\$62,000.00	
4.2.5.7	240 min	1	Unit	\$72,000.00	
4.2.6	Fire Resistance Test for Fire-stops / Fire Intumescent Material (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1366-3: 2021 + A1: 2024/ BS EN 1366-4: 2021 & BS EN 13501-2:2016)				
4.2.6.1	30 min	1	Unit	\$38,000.00	
4.2.6.2	45 min	1	Unit	\$40,000.00	
4.2.6.3	60 min	1	Unit	\$42,000.00	
4.2.6.4	90 min	1	Unit	\$51,000.00	
4.2.6.5	120 min	1	Unit	\$56,000.00	
4.2.6.6	180 min	1	Unit	\$62,000.00	
4.2.6.7	240 min	1	Unit	\$75,000.00	
4.2.7	Fire Resistance Test for Fire Rated Ventilation Duct (Unit Price for Each Fire Resistance Test ) (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1366-1: 2014 + A1: 2020 & BS EN 1366-8: 2024 & BS EN 13501-4: 2016)				
4.2.7.1	30 min	1	Unit	\$46,000.00	
4.2.7.2	45 min	1	Unit	\$48,000.00	
4.2.7.3	60 min	1	Unit	\$50,000.00	
4.2.7.4	90 min	1	Unit	\$54,000.00	
4.2.7.5	120 min	1	Unit	\$59,000.00	
4.2.7.6	180 min	1	Unit	\$69,000.00	
4.2.7.7	240 min	1	Unit	\$80,000.00	
4.2.8	Fire Resistance Test for Ceiling Membranes (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1364-2: 2018 & BS EN 13501-2:2016)				
4.2.8.1	45 min	1	Unit	\$48,000.00	
4.2.8.2	60 min	1	Unit	\$50,000.00	
4.2.8.3	90 min	1	Unit	\$53,000.00	
4.2.8.4	120 min	1	Unit	\$58,000.00	
4.2.8.5	180 min	1	Unit	\$67,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
4.2.8.6	240 min	1	Unit	\$75,000.00	
4.2.9	Fire Classification of Material (BS EN Standard: BS EN 13501-1:2018)				
4.2.9.1	Class A1	1	Unit	\$20,000.00	
4.2.9.2	Class A2	1	Unit	\$20,000.00	
4.2.9.3	Class B	1	Unit	\$20,000.00	
4.2.9.4	Class C	1	Unit	\$20,000.00	
4.2.9.5	Class D	1	Unit	\$20,000.00	
4.2.9.6	Class E	1	Unit	\$20,000.00	
4.2.10	Smoke Control Test for Door (BS EN Standard: BS EN 1634-3:2004 & BS EN 13501-2:2016)	1	Unit	\$38,000.00	
4.2.11	Dimension and Ironmongery assessment report for Fire Door				
4.2.11.1	Dimension assessment report for Fire Door	1	Unit	\$10,000.00	
4.2.11.2	Dimension and Ironmongery assessment report for Fire Door	1	Unit	\$20,000.00	
4.2.12	Fire Resistance Test for Smoke Control Damper (Unit Price for Each Fire Resistance Test ) (BS EN Standard: BS EN 1363-1: 2020 & BS EN 1366-10: 2022 + A1: 2024 & BS EN 13501-4: 2016)				
4.2.12.1	30 min	1	Unit	\$70,000.00	
4.2.12.2	45 min	1	Unit	\$72,000.00	
4.2.12.3	60 min	1	Unit	\$74,000.00	
4.2.12.4	90 min	1	Unit	\$78,000.00	
4.2.12.5	120 min	1	Unit	\$83,000.00	
4.2.12.6	180 min	1	Unit	\$92,000.00	
4.2.12.7	240 min	1	Unit	\$102,000.00	
4.2.12.9	Leakage Test of small size Smoke Control Damper	1	Unit	\$15,000.00	
4.3	Fire Pipeline Pressure Test (witness service)	1	Unit	\$1,500.00	
4.4	Fire Hydrant / Sprinkler Water Flow Rate and Pressure Test (half day)	1	Unit	\$2,000.00	
4.5	Non-office hour testing				
4.5.1	Mon-Thu 17:45-00:00 Fri 17:30-00:00 (Except holidays)	1	Item	50% of Basic Charge	
4.5.2	Mon-Fri 00:00-09:00 (Except holidays)	1	Item	100% of Basic Charge	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
4.6	Saturday, Sunday, Public holiday or Government holiday (09:00-18:00)	1	Item	50% of Basic Charge	
4.7	Saturday, Sunday, Public holiday or Government holiday (18:00-00:00)	1	Item	100% of Basic Charge	
4.8	Saturday, Sunday, Public holiday or Government holiday (00:00-09:00)	1	Item	150% of Basic Charge	
4.9	Labor holiday additional charge	1	Item	200% of Basic Charge	
4.10	Attendance fee (applicable to the case which attended to the scene but the conditions are not available to test)	1	Item	\$500.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>5.</b>	<b>Environmental monitoring service</b>				
5.1	Indoor Air Quality Measurement				
5.1.1	Temperature, Relative Humidity, Air Velocity, Carbon Dioxide (CO <sub>2</sub> ), Carbon Monoxide (CO), Respirable Suspended Particulates (PM <sub>10</sub> ), Total Volatile Organic Compounds (TVOC), Ozone (O <sub>3</sub> ), Formaldehyde (HCHO), Nitrogen Dioxide (NO <sub>2</sub> ), Radon (Rn), Airborne Bacteria (Total 12 parameters. Measurement is reference to "HK Guidance Notes for the Management of IAQ in Offices and Public Places (2003 version)".)	1	Point	\$5,000.00	
5.1.2	Carbon Dioxide (CO <sub>2</sub> ), Carbon Monoxide (CO), Respirable Suspended Particulates (PM <sub>10</sub> ), Total Volatile Organic Compounds (TVOC), Ozone (O <sub>3</sub> ), Formaldehyde (HCHO) – 8 Hours, Nitrogen Dioxide (NO <sub>2</sub> ) – 8 hours, Radon (Rn), Airborne Bacteria (Total 9 parameters. Measurement is reference to "HK Guidance Notes for the Management of IAQ in Offices and Public Places (2019 version)".)	1	Point	\$4,800.00	
5.1.3	Temperature, Relative Humidity, Air Velocity, Carbon Dioxide (CO <sub>2</sub> ), Carbon Monoxide (CO), Respirable Suspended Particulates (PM <sub>10</sub> ), Respirable Suspended Particulates (PM <sub>2.5</sub> ), Total Volatile Organic Compounds (TVOC), Ozone (O <sub>3</sub> ), Formaldehyde (HCHO), Nitrogen Dioxide (NO <sub>2</sub> ), Radon (Rn), Airborne Bacteria, Fungi (Total 14 parameters. Measurement is reference to "Macau IAQ guidelines for public places".)	1	Point	\$6,000.00	
5.1.4	Respirable Suspended Particulates (PM <sub>10</sub> ), Total Volatile Organic Compounds (TVOC), Formaldehyde (HCHO), Radon (Rn) (Total 4 parameters. Measurement is reference to "HK Guidance Notes for the Management of IAQ in Offices and Public Places".)	1	Point	\$3,200.00	
5.1.5	Respirable Suspended Particulates (PM <sub>10</sub> ), Total Volatile Organic Compounds (TVOC), Formaldehyde (HCHO), Radon (Rn) (Total 4 parameters. Measurement is reference to "Macau IAQ guidelines for public places".)	1	Point	\$4,000.00	
5.1.6	Radon (Rn), Formaldehyde (HCHO), Benzene (C <sub>6</sub> H <sub>6</sub> ), Ammonia (NH <sub>3</sub> ), Total Volatile Organic Compounds (TVOC) (Total 5 parameters. GB 50325-2010) *Please be reminded that both indoor and outdoor sampling points have to be considered.	1	Point	\$4,000.00	
5.1.7	Radon (Rn) 、 Formaldehyde (HCHO) 、 Ammonia (NH <sub>3</sub> ) 、 Benzene (C <sub>6</sub> H <sub>6</sub> ) 、 Toluene (C <sub>7</sub> H <sub>8</sub> ) 、 Xylene (C <sub>8</sub> H <sub>10</sub> ) 、 Total Volatile Organic Compounds (TVOC) (Total 7 parameters. GB 50325-2020) *Please be reminded that both indoor and outdoor sampling points have to be considered.	1	Point	\$4,800.00	
5.1.8	Respirable Suspended Particulates (PM <sub>10</sub> )	1	Point	\$600.00	
5.1.9	Total Volatile Organic Compounds (TVOC)	1	Point	\$1,200.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
5.1.10	Formaldehyde (HCHO) (Measurement is reference to "HK Guidance Notes for the Management of IAQ in Offices and Public Places".)	1	Point	\$1,000.00	
5.1.11	Formaldehyde (HCHO) (Measurement is reference to "Macau IAQ guidelines for public places".)	1	Point	\$1,800.00	
5.1.12	Radon (Rn)	1	Point	\$600.00	
5.1.13	Airborne Bacteria	1	Point	\$800.00	
5.1.14	Fungi	1	Point	\$800.00	
5.1.15	Report expedited processing fee	1	item	100% of Basic Charge	
5.2	Water Quality Monitoring Service				
5.2.1	pH, Suspended Solid, Chemical Oxygen Demand (Total 3 parameters)	1	Point	\$750.00	
5.2.2	pH, Suspended Solid, Oil & Grease (Total 3 parameters)	1	Point	\$1,050.00	
5.2.3	pH/ Turbidity/ Free Residual Chlorine / Conductivity / Appearance / Odor (The unit price is for a single parameter)	1	Point	\$150.00	
5.2.4	Suspended Solid	1	Point	\$300.00	
5.2.5	Chemical Oxygen Demand	1	Point	\$300.00	
5.2.6	Animal fats and vegetable/ Petroleum/ Oil & Grease (The unit price is for a single parameter)	1	Point	\$600.00	
5.2.7	<input type="checkbox"/> Total Coliforms/ <input type="checkbox"/> E.Coli/ <input type="checkbox"/> Thermotolerant (Fecal) Coliform/ <input type="checkbox"/> Heterotrophic Plate Count (Colony Count) (The unit price is for a single parameter)	1	Point	\$400.00	
5.2.8	Turbidity, Colour, pH at 25 °C, Free Residual Chlorine, Conductivity at 25 °C, E. Coli, Heterotrophic Plate Count (Colony Count), Lead, Chromium, Nickel, Cadmium, Copper, Antimony (Total 13 parameters)	1	Point	\$3,500.00	
5.2.9	Turbidity, Free Residual Chlorine, Lead, Total Coliforms (Total 4 parameters)	1	Point	\$900.00	
5.2.10	Biochemical Oxygen Demand	1	Point	\$400.00	
5.2.11	Pseudomonas. aeruginosa	1	Point	\$1,000.00	
5.2.12	<input type="checkbox"/> Lead/ <input type="checkbox"/> Chromium/ <input type="checkbox"/> Chromium (VI)/ <input type="checkbox"/> Nickel/ <input type="checkbox"/> Cadmium/ <input type="checkbox"/> Copper/ <input type="checkbox"/> Antimony/ <input type="checkbox"/> Iron/ <input type="checkbox"/> Arsenic/ <input type="checkbox"/> Mercury (The unit price is for a single parameter)	1	Point	\$300.00	
5.2.13	Temperature, pH, Turbidity, Ammonia Nitrogen, Free Residual Chlorine, Heterotrophic Plate Count (Colony Count), Total Coliforms, E.Coli (Total 8 parameters)	1	Point	\$2,100.00	
5.2.14	<input type="checkbox"/> Cyanuric Acid/ <input type="checkbox"/> Ozone (The unit price is for a single parameter)	1	Point	\$300.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
5.2.15	Lead, Chromium, Nickel, Cadmium, Copper, Antimony, Iron, Arsenic, Mercury, Turbidity, Color, pH, Free Residual Chlorine, Conductivity at 20 °C, Heterotrophic Plate Count (Colony Count), Total Coliforms, E.Coli (Total 17 parameters, reference to DSPA - The instruction for choosing and installing water dispensers – Table 1 The water quality test parameters for tap water source)	1	Point	\$4,000.00	
5.2.16	Color, Turbidity, Odor and taste, Visible Matters, pH, Total Hardness, Chloride, Cadmium, Lead, Hexavalent Chromium, Iron, Arsenic, Mercury, Total Coliforms, E.Coli (Total 15 parameters, reference to DSPA - The instruction for choosing and installing water dispensers – Table 2 The water quality test parameters after installation)	1	Point	\$3,700.00	
5.2.17	Turbidity, pH, Lead, Total Coliforms, E.Coli (Total 5 parameters, reference to DSPA - The instruction for choosing and installing water dispensers – Table 3 The water quality test parameters for operating period)	1	Point	\$1,200.00	
5.2.18	Water sampling fee (Period I/ II)	1	Item	\$300.00	
5.2.19	Water sampling fee (Period III/ IV /V /VI/ VII)	1	Item	\$450.00	
5.2.20	Minimum charge per report (applies when the total testing fee per report is below this minimum charge)	1	Item	\$300.00	
5.2.21	Report expedited processing fee	1	Item	100% of Basic Charge	
5.2.22	Attendance fee (applicable to the case which attended to the scene but the conditions are not available to test in item 5.2.18.)	1	Item	\$300.00	
5.2.23	Attendance fee (applicable to the case which attended to the scene but the conditions are not available to test in item 5.2.19.)	1	Item	\$450.00	
5.3	Noise Measurement				
5.3.1	Noise Measurement (24 hour period)	1	Item	\$5,000.00	
5.3.2	Noise Measurement (12 hour period)	1	Item	\$3,500.00	
5.3.3	Noise Measurement (30 minutes)	1	Item	\$2,000.00	
5.3.4	Sound Insulation/ Impact Sound Measurement on Site	1	Item	\$3,000.00	
5.3.5	Report expedited processing fee	1	Item	100% of Basic Charge	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
5.4	Ambient Air Measurement				
5.4.1	PM <sub>10</sub> (1 hour measurement) (HJ 618-2011 Determination of atmospheric articles PM <sub>10</sub> and PM <sub>2.5</sub> in ambient air by gravimetric method)	1	Point	\$1,500.00	
5.4.2	PM <sub>2.5</sub> (1 hour measurement) (HJ 618-2011 Determination of atmospheric articles PM <sub>10</sub> and PM <sub>2.5</sub> in ambient air by gravimetric method)	1	Point	\$1,500.00	
5.4.3	TSP (1 hour measurement) (GB/T 15432-1995 Ambient air - Determination of total suspended particulates - gravimetric method)	1	Point	\$1,500.00	
5.4.4	PM <sub>10</sub> (24 hours measurement) (HJ 618-2011 Determination of atmospheric articles PM <sub>10</sub> and PM <sub>2.5</sub> in ambient air by gravimetric method)	1	Point	\$5,000.00	
5.4.5	PM <sub>2.5</sub> (24 hours measurement) (HJ 618-2011 Determination of atmospheric articles PM <sub>10</sub> and PM <sub>2.5</sub> in ambient air by gravimetric method)	1	Point	\$5,000.00	
5.4.6	TSP (24 hours measurement) (GB/T 15432-1995 Ambient air - Determination of total suspended particulates - gravimetric method)	1	Point	\$5,000.00	
5.5	Non-office hour testing				
5.5.1	Mon-Thu 17:45-00:00 Fri 17:30-00:00 (Except holidays)	1	Item	50% of Basic Charge	
5.5.2	Mon-Fri 00:00-09:00 (Except holidays)	1	Item	100% of Basic Charge	
5.5.3	Mon-Fri 13:00-14:30 (Except holidays)	1	Item	50% of Basic Charge	
5.6	Saturday, Sunday, Public holiday or Government holiday (09:00-18:00)	1	Item	50% of Basic Charge	
5.7	Saturday, Sunday, Public holiday or Government holiday (18:00-00:00)	1	Item	100% of Basic Charge	
5.8	Saturday, Sunday, Public holiday or Government holiday (00:00-09:00)	1	Item	150% of Basic Charge	
5.9	Labor holiday additional charge	1	Item	200% of Basic Charge	
5.10	Attendance fee (applicable to the case which attended to the scene but the conditions are not available to test)	1	Item	\$500.00	
5.11	Extra Report additional charge	1	Item	\$1,500.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>6.</b>	<b>Electrical System Testing Services</b>				
<b>6.1</b>	<b>Electrical System Testing Services (1)</b>				
6.1.1	Insulation Resistance Test (per day)	1	Item	\$5,000.00	
6.1.2	Power-Frequency Withstand Voltage Test (per day)	1	Item	\$5,000.00	
6.1.3	Ground Resistance Test (per day)	1	Item	\$5,000.00	
6.1.4	RCD Disconnection Time Test (per day)	1	Item	\$5,000.00	
6.1.5	Overtime Additional Charge (1 person .hour)	1	Unit	\$500.00	
6.1.6	Saturday, Sunday, Public Holiday or Government Holiday Additional Charge	1	Unit	50% of Basic Charge	
6.1.7	Labor Holiday Additional Charge	1	Unit	100% of Basic Charge	
6.1.8	Attendance fee (applicable to the case which attended to the site but the conditions are not available to test)	1	Item	\$500.00	
<b>6.2</b>	<b>Electrical System Testing Services (2)</b>				
6.2.1	Infrared Thermography Test (one person per day)	1	Item	\$6,000.00	
6.2.2	Illuminance/ Luminance Measurement (one person per day) (The unit price is for a single parameter)	1	Item	\$3,000.00	
6.2.3	Low voltage power and harmonic Measurement (one person per day/40minute record)	1	Item	\$5,000.00	
6.2.4	Electromagnetic Field Test (one person per day)	1	Item	\$3,000.00	
6.2.5	Non-office hour testing				
6.2.5.1	Mon-Thu 17:45-00:00. Fri 17:30-00:00 (Except holidays)	1	Item	50% of Basic Charge	
6.2.5.2	Mon-Fri 00:00-09:00 (Except holidays)	1	Item	100% of Basic Charge	
6.2.6	Saturday, Sunday, Public Holiday or Government Holiday Additional Charge				
6.2.6.1	09:00-18:00	1	Item	50% of Basic Charge	
6.2.6.2	18:00-09:00	1	Item	100% of Basic Charge	
6.2.7	Labor Holiday Additional Charge	1	Unit	100% of Basic Charge	
6.2.8	Attendance fee (applicable to the case which attended to the scene but the conditions are not available to test)	1	Item	\$500.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>6.3</b>	<b>Electrical System Testing Services (3)</b>				
6.3.1	Transmission Performance Testing of Balanced Twisted-Pair Telecommunications Cabling Links and Components (per day)	1	Item	\$5,000.00	
6.3.2	Transmission Performance Testing of Optical Fiber Cabling Links and Components (per day)	1	Item	\$5,000.00	
6.3.3	Testing of Closed-circuit television (CCTV) System (per day)	1	Item	\$6,500.00	
6.3.4	Testing of Access Control System (per day)	1	Item	\$6,500.00	
6.3.5	Testing of Television System (per day)	1	Item	\$6,500.00	
6.3.6	Testing of Car Park Entrance Control System (per day)	1	Item	\$6,500.00	
6.3.7	Testing of Car Park Guidance System (per day)	1	Item	\$6,500.00	
6.3.8	Testing of Intelligence Monitoring and Control Management System of Building, Facility and Environment				
6.3.8.1	Testing of I/O Signal Point (per day)	1	Item	\$6,500.00	
6.3.8.2	Functional Testing of Control Logic (per day)	1	Item	\$6,500.00	
6.3.8.3	Functional Testing of Monitoring and Control Management System Platform (per day)	1	Item	\$6,500.00	
6.3.9	Overtime Additional Charge (1 person .hour)	1	Unit	\$500.00	
6.3.10	Saturday, Sunday, Public Holiday or Government Holiday Additional Charge	1	Unit	50% of Basic Charge	
6.3.11	Labor Holiday Additional Charge	1	Unit	100% of Basic Charge	
6.3.12	Attendance fee (applicable to the case which attended to the site but the conditions are not available to test)	1	Item	\$500.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
7.	<b>Air conditioning system test</b>				
7.1	Air Balance Test	1	Item	\$5,000.00	
7.2	Water Balance Test	1	Item	\$5,000.00	
7.3	Duct Leakage Test	1	Article/segment	\$4,000.00	
7.4	Pipe Pressure Test (witness)	1	part	\$1,500.00	
7.5	Differential Pressure Measurement	1	Item	\$2,000.00	
7.6	Vibration Test	1	Item	\$2,000.00	
7.7	Stairs Pressurization System Testing Services (Differential Pressure、Air Flow Velocity at the Door、Opening Force for the Door)	1	Item	\$5,000.00	
7.8	Equipment performance Test	1	Item	\$5,000.00	
7.9	Non-office hour testing				
7.9.1	Mon-Thu 17:45-00:00. Fri 17:30-00:00 (Except holidays)	1	Item	50% of Basic Charge	
7.9.2	Mon-Fri 00:00-09:00 (Except holidays)	1	Item	100% of Basic Charge	
7.10	Saturday, Sunday, Public holiday or Government holiday (09:00-18:00)	1	Item	50% of Basic Charge	
7.11	Saturday, Sunday, Public holiday or Government holiday (18:00-00:00)	1	Item	100% of Basic Charge	
7.12	Saturday, Sunday, Public holiday or Government holiday (00:00-09:00)	1	Item	150% of Basic Charge	
7.13	Labor holiday additional charge	1	Item	200% of Basic Charge	
7.14	Attendance fee (applicable to the case which attended to the scene but the conditions are not available to test)	1	Item	\$500.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>8.</b>	<b>Non-destructive Test</b>				
8.1	Visual Inspection (VT) (per man per day)	1	Item	\$3,800.00	
8.2	Magnetic Particle Examination (MT) (per man per day)	1	Item	\$4,000.00	
8.3	Liquid Penetrant Examination (LT) (per man per day)	1	Item	\$4,000.00	
8.4	Ultrasonic Examination (UT) (per man per day)	1	Item	\$4,500.00	
8.5	Visual Inspection & Magnetic Particle Examination (VT+MT) (per man per day)	1	Item	\$4,100.00	
8.6	Visual Inspection & Liquid Penetrant Examination (VT+LT) (per man per day)	1	Item	\$4,100.00	
8.7	Visual Inspection & Ultrasonic Examination (VT+UT) (per man per day)	1	Item	\$4,600.00	
8.8	Magnetic Particle Examination & Penetrant Examination (MT+LT) (per man per day)	1	Item	\$4,700.00	
8.9	Magnetic Particle Examination & Ultrasonic Examination (MT+UT) (per man per day)	1	Item	\$4,600.00	
8.10	Penetrant Examination & Ultrasonic Examination (LT+UT) (per man per day)	1	Item	\$4,600.00	
8.11	Visual Inspection & Magnetic Particle Examination & Penetrant Examination (VT+MT+LT) (per man per day)	1	Item	\$5,000.00	
8.12	Visual Inspection & Magnetic Particle Examination & Ultrasonic Examination (VT+MT+UT) (per man per day)	1	Item	\$4,900.00	
8.13	Visual Inspection & Penetrant Examination & Ultrasonic Examination (VT+LT+UT) (per man per day)	1	Item	\$4,900.00	
8.14	Magnetic Particle Examination & Penetrant Examination & Ultrasonic Examination (MT+LT+UT) (per man per day)	1	Item	\$5,500.00	
8.15	Visual Inspection & Magnetic Particle Examination & Penetrant Examination & Ultrasonic Examination (VT+MT+LT+UT) (per man per day)	1	Item	\$5,800.00	
8.16	Ultrasonic Thickness Measurement (TM) (Min. charge per day)	1	Item	\$4,300.00	
8.17	Ultrasonic Thickness Measurement (TM) (per Point)	1	Point	\$35.00	
8.18	X-ray Radiographic Examination (RT) 09:00~17:00 (Mon.-Fri. except public holiday and labor holiday) (two man per time)	1	Item	\$10,000.00	
8.19	X-ray Radiographic Examination (RT) 17:00~24:00 (Mon.-Sun. except labor holiday) (two man per time)	1	Item	\$16,500.00	
8.20	X-ray Radiographic Examination (RT) 00:00~09:00 (Mon.-Sun. except labor holiday) (two man per time)	1	Item	\$20,500.00	
8.21	X-ray Radiographic Film	1	Film	\$100.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
8.22	X-ray Radiographic Examination Overtime Additional Charge (Max. 2Hr)	1	Hour	\$2,500.00	
8.23	Urgent request for RT Temporary Result	1	Film	\$100.00 min.charge \$2,000.00	
8.24	Site visit charge (per half-day)	1	Item	\$1,000.00	
8.25	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
8.26	Additional charge: Service cancel upon arrival charge (per man)	1	Item	\$2,000.00	
8.27	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
8.28	Additional charge: Extra MT Test Media	1	CAN	\$330.00	2 cans per set
8.29	Additional charge: Extra LT Test Media	1	CAN	\$330.00	3 cans per set
8.30	Additional Charge: MT with Fluorescent Test Media	1	Item	\$500.00	
8.31	Additional Charge: LT with Fluorescent Test Media	1	Item	\$500.00	
8.32	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
8.33	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
8.34	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
8.35	Additional charge: Extra Report Request	1	Copy	\$500.00	
8.36	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
8.37	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	
8.38	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
8.39	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
8.40	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
8.41	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	
8.42	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	
8.43	Half-day Service Discount	1	Item	Deduct 15% of basic charge	Applicable to item 8.1~8.16



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>9.</b>	<b>Coating and Adhesive Test</b>				
9.1	Dry Film Thickness Measurement (DFT) (per man per day)	1	Item	\$4,300.00	
9.2	Coating Adhesion Measurement (AM) (per man per day)	1	Item	\$4,300.00	
9.3	Hot Dip Galvanized Coating Thickness Measurement (GT) (per man per day)	1	Item	\$4,300.00	
9.4	Holiday Detection Test (HD) (per man per day)	1	Item	\$5,000.00	
9.5	Cementation Adhesive Strength Tensile Test (CAM) (per man per day)	1	Item	\$4,300.00	
9.6	Intumescent Coating Thickness Test (ICT) (per man per day)	1	Item	\$4,300.00	
9.7	Sprayed Fire-Resistance Material Thickness Test (FPT) (per man per day)	1	Item	\$4,300.00	
9.8	Sprayed Fire-Resistance Material Bond Test (FPB) (per man per day)	1	Item	\$4,300.00	
9.9	Sprayed Fire-Resistance Material Density Test (FPD) (Deliver to IDQ)	1	Sample	\$3,300.00	
9.10	Sprayed Fire-Resistance Material Density Test (FPD) (Require site sampling)	1	Sample	\$3,600.00	
9.11	Site visit charge (per half-day)	1	Item	\$1,000.00	
9.12	Additional charge: Coating Adhesion Test Dolly	1	Piece	\$50.00	
9.13	Additional charge: Sprayed Fire-Resistance Material Bond Test Dolly	1	Piece	\$50.00	
9.14	Additional charge: Cementation Adhesive Strength Tensile Test Dolly	1	Piece	\$100.00	
9.15	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
9.16	Additional charge: Service cancel upon arrival charge (per man)	1	Item	\$2,000.00	
9.17	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
9.18	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
9.19	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
9.20	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
9.21	Additional charge: Extra Report Request	1	Copy	\$500.00	
9.22	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
9.23	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
9.24	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
9.25	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
9.26	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
9.27	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	
9.28	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	
9.29	Half-day Service Discount	1	Item	Deduct 15% of basic charge	Applicable to item 9.1~9.8



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>10.</b>	<b>Anchors and Fasteners Test</b>				
10.1	Pull Out Test On-site (Min. charge per man per day)	1	Item	\$5,000.00	
10.2	Pull Out Test On-site ( $\leq 25\text{KN}$ )	1	Point	\$400.00	
10.3	Pull Out Test On-site ( $>25\text{KN}$ , $\leq 100\text{KN}$ )	1	Point	\$500.00	
10.4	Pull Out Test On-site ( $>100\text{KN}$ )	1	Point	\$600.00	
10.5	Bolt Torque Test (per man per day)	1	Item	\$5,000.00	Max. 2000Nm
10.6	Site visit charge (per half-day)	1	Item	\$1,000.00	
10.7	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
10.8	Additional charge: Service cancel upon arrival charge (per man)	1	Item	\$2,000.00	
10.9	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
10.10	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
10.11	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
10.12	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
10.13	Additional charge: Extra Report Request	1	Copy	\$500.00	
10.14	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
10.15	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	
10.16	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
10.17	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
10.18	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
10.19	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	
10.20	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	
10.21	Half-day Service Discount	1	Item	Deduct 15% of basic charge	Applicable to item 10.1, 10.5



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>11.</b>	<b>Welder Qualification Examination</b>				
11.1	Preliminary Welding Procedure Specification (pWPS)	1	Copy	\$1,600.00	
11.2	Witness of Qualification (per man per day)	1	Item	\$4,000.00	
11.3	Non-Destructive Tests (NDT) - Plate	1	Test Piece	\$2,000.00	
11.4	Non-Destructive Tests (NDT) - Pipe/Tube (Dia. ≤ 88.9mm)	1	Test Piece	\$2,500.00	
11.5	Non-Destructive Tests (NDT) - Pipe/Tube (Dia. > 88.9mm)	1	Test Piece	\$3,800.00	
11.6	Destructive Tests (DT)	1	Test Piece	\$2,500.00	
11.7	Welder Qualification Certificate	1	Copy	\$1,500.00	
11.8	Welder Qualification Certificate Renewal	1	Copy	\$2,000.00	
11.9	Site visit charge (per half-day)	1	Item	\$1,000.00	
11.10	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
11.11	Additional charge: Service cancel upon arrival charge (per man)	1	Item	\$2,000.00	
11.12	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
11.13	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
11.14	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
11.15	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
11.16	Additional charge: Extra Report Request	1	Copy	\$500.00	
11.17	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
11.18	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	
11.19	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
11.20	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
11.21	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
11.22	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	
11.23	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
11.24	Half-day Service Discount	1	Item	Deduct 15% of basic charge	Applicable to item 11.2



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>12.</b>	<b>Welding Procedure Qualification</b>				
12.1	Preliminary Welding Procedure Specification (pWPS)	1	Copy	\$1,600.00	
12.2	Witness of Qualification (per man per day)	1	Item	\$4,000.00	
12.3	Non-Destructive Tests (NDT) - Plate	1	Test Piece	\$2,000.00	
12.4	Non-Destructive Tests (NDT) - Pipe/Tube (Dia. ≤88.9mm)	1	Test Piece	\$2,500.00	
12.5	Non-Destructive Tests (NDT) - Pipe/Tube (Dia.>88.9mm)	1	Test Piece	\$3,800.00	
12.6	Destructive Test (Butt weld) (DT)	1	Test Piece	\$12,000.00	
12.7	Destructive Test (fillet weld) (DT)	1	Test Piece	\$4,000.00	
12.8	Welding Procedure Qualification Record (WPQR)	1	Copy	\$3,000.00	
12.9	Welding Procedure Specification (WPS)	1	Copy	\$800.00	
12.10	Site visit charge (per half-day)	1	Item	\$1,000.00	
12.11	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
12.12	Additional charge: Service cancel upon arrival charge (per man)	1	Item	\$2,000.00	
12.13	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
12.14	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
12.15	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
12.16	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
12.17	Additional charge: Extra Report Request	1	Copy	\$500.00	
12.18	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
12.19	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	
12.20	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
12.21	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
12.22	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
12.23	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
12.24	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	
12.25	Half-day Service Discount	1	Item	Deduct 15% of basic charge	Applicable to item 12.2



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>13.</b>	<b>Mechanical and Chemical Analysis</b>				
13.1	Tensile Test (t < 50mm)	1	Test Piece	\$1,650.00	
13.2	Tensile Test (t ≥ 50mm < 100mm)	1	Test Piece	\$2,500.00	
13.3	Tensile Test (t ≥ 100mm)	1	Test Piece	\$3,500.00	
13.4	Bend Test (t < 50mm)	1	Test Piece	\$1,650.00	
13.5	Bend Test (t ≥ 50mm < 100mm)	1	Test Piece	\$1,900.00	
13.6	Bend Test (t ≥ 100mm)	1	Test Piece	\$2,200.00	
13.7	Impact Test (t < 50mm) (3 pieces per set)	1	Set	\$2,600.00	
13.8	Impact Test (t ≥ 50mm < 100mm) (3 pieces per set)	1	Set	\$3,900.00	
13.9	Impact Test (t ≥ 100mm) (3 pieces per set)	1	Set	\$5,200.00	
13.10	Hardness Test (max. 30 pt.)	1	Test Piece	\$2,500.00	
13.11	Hardness Test (max. 9 pt.)	1	Set	\$2,000.00	max. 3 pieces per set
13.12	Hardness Test (extra pt.)	1	Point	\$100.00	
13.13	Steel Wire Rope Tensile Test	1	Test Piece	\$4,500.00	Dia. ≤ 12mm
13.14	Fracture Test	1	Test Piece	\$2,000.00	
13.15	Macro Structure Examination	1	Test Piece	\$2,500.00	
13.16	Chemical Analysis (minimum charge)	1	Item	\$2,800.00	
13.17	Chemical Analysis (Cu or N)	1	Element	\$800.00	
13.18	Chemical Analysis (other element)	1	Element	\$400.00	
13.19	Weldability Analysis of Reinforcing Steel	1	Sample	\$4,800.00	
13.20	Reinforced Bar Test	1	Test Piece	\$1,500.00	tensile test, bend test, unit weight measurement
13.21	Slip Coefficient Testing Of Faying Surface Of High-Strength Bolted Connection	1	Set	\$8,000.00	
13.22	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
13.23	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
13.24	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
13.25	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
13.26	Additional charge: Extra Report Request	1	Copy	\$500.00	
13.27	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
13.28	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>14.</b>	<b>Lifting Appliance and Lifting Gear Inspection</b>				
14.1	On-site Inspection (Min. charge per day)	1	Item	\$3,600.00	Applicable to item 14.5~14.29
14.2	Rental of Test Weights (per Ton per day)	1	Item	\$1,000.00	
14.3	Test Weight Transportation (Minimum charge per day)	1	Item	\$6,000.00	
14.4	Test Weight Transportation (per Ton per day)	1	Item	\$2,000.00	
14.5	Load Test Witness	1	Item	\$2,000.00	
14.6	Overhead Crane Site Inspection	1	unit	\$2,000.00	
14.7	Monorail Crane Site Inspection	1	unit	\$2,000.00	
14.8	Forklift Site Inspection	1	unit	\$2,000.00	
14.9	Power-Operated Elevating Work Platform Site Inspection	1	unit	\$2,000.00	
14.10	Gondola (BMU) Site Inspection	1	unit	\$3,500.00	
14.11	Container Crane Site Inspection	1	unit	\$3,500.00	
14.12	Passenger Boarding Ramp Site Inspection	1	unit	\$3,500.00	
14.13	Baggage Handling Crane Site Inspection	1	unit	\$3,500.00	
14.14	Winch Site Inspection	1	unit	\$1,000.00	
14.15	Chain Block Site Inspection	1	unit	\$1,000.00	
14.16	Rigging Point Test On-site	1	Point	\$500.00	
14.17	Crawler Crane Site Inspection	1	unit	\$3,500.00	
14.18	Tower Crane Site Inspection (initial)	1	unit	\$4,500.00	
14.19	Tower Crane Site Inspection (Height Modification)	1	unit	\$4,000.00	
14.20	Builders' Lift Site Inspection (Initial)	1	unit	\$3,700.00	
14.21	Builders' Lift Site Inspection (Height Modification)	1	unit	\$3,200.00	
14.22	Excavator Site Inspection	1	unit	\$2,000.00	
14.23	Pile Driving Rig Site Inspection	1	unit	\$2,800.00	
14.24	Punching Pile Driver Site Inspection	1	unit	\$2,500.00	
14.25	Concrete Conveyor Site Inspection	1	unit	\$2,500.00	
14.26	Unloading Platform Site Inspection	1	unit	\$1,500.00	
14.27	Lifting Cage/Container Site Inspection	1	unit	\$1,200.00	
14.28	Lifting Chain/Wire Site Inspection	1	unit	\$900.00	
14.29	Truck mounted Crane Site Inspection	1	unit	\$3,000.00	
14.30	Wire Rope Magnetic Flux Leakage Test	1	100M	\$3,000.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
14.31	Wire Rope Magnetic Flux Leakage Test (Minimum charge per day)	1	Item	\$9,000.00	
14.32	Lifting Gear Inspection (SWL<=2t)	1	unit	\$700.00	
14.33	Lifting Gear Inspection (SWL>2t, <=5t)	1	unit	\$1,500.00	
14.34	Lifting Gear Inspection (SWL>5t, <=10t)	1	unit	\$3,000.00	
14.35	Lifting Gear Inspection (SWL>10t, <=15t)	1	unit	\$4,500.00	
14.36	Test Certificate (form)	1	Form	\$260.00	
14.37	Site visit charge (per half-day)	1	Item	\$1,000.00	
14.38	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
14.39	Additional charge: Service cancel upon arrival charge (per man)	1	Item	\$2,000.00	
14.40	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
14.41	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
14.42	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
14.43	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
14.44	Additional charge: Extra Report Request	1	Copy	\$500.00	
14.45	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
14.46	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	
14.47	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
14.48	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
14.49	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
14.50	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	
14.51	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	
14.52	Half-day Service Discount	1	Item	Deduct 15% of basic charge	Applicable to item 14.1, 14.31



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>15.</b>	<b>Water Leakage Field Test</b>				
15.1	Curtain Walls Water Leakage Field Test (WL) (per day)	1	Item	\$6,200.00	
15.2	Flood Gate Water Leakage Field Test (WL), with sufficient water pressure and flow rate (per day)	1	Item	\$6,200.00	
15.3	Flood Gate Water Leakage Field Test (WL), without sufficient water pressure or flow rate (per day)	1	Item	\$8,000.00	
15.4	Site visit charge (per half-day)	1	Item	\$1,000.00	
15.5	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
15.6	Additional charge: Service cancel upon arrival charge (per requested)	1	Item	\$2,500.00	
15.7	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
15.8	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
15.9	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
15.10	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
15.11	Additional charge: Extra Report Request	1	Copy	\$500.00	
15.12	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
15.13	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	
15.14	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
15.15	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
15.16	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
15.17	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	
15.18	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	
15.19	Half-day Service Discount	1	Item	Deduct 15% of basic charge	Applicable to item 15.1~15.3



Item	Description	Qty.	Unit	Amount (MOP)	Remark
<b>16.</b>	<b>Pressure Test</b>				
16.1	Pressure Test Witness (PT) (per man per day)	1	Item	\$3,300.00	
16.2	Safety Valve Set Pressure and Leakage Test Verification (SV) (<=DN50)	1	Unit	\$1,250.00	deliver to IDQ
16.3	Safety Valve Set Pressure and Leakage Test Verification (SV) (>DN50)	1	Unit	\$2,000.00	deliver to IDQ
16.4	Site visit charge (per half-day)	1	Item	\$1,000.00	
16.5	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
16.6	Additional charge: Service cancel upon arrival charge (per man)	1	Item	\$2,000.00	
16.7	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
16.8	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
16.9	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
16.10	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
16.11	Additional charge: Extra Report Request	1	Copy	\$500.00	
16.12	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
16.13	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	
16.14	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
16.15	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
16.16	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
16.17	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	
16.18	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	



Item	Description	Qty.	Unit	Amount (MOP)	Remark
17.	<b>Flood Gate Product Performance Test</b>				
17.1	Flood Gate Product Performance Test (WG) (per man per day)	1	Item	\$4,000.00	
17.2	Site visit charge (per half-day)	1	Item	\$1,000.00	
17.3	Additional charge: Booking cancel charge (per requested)	1	Item	\$1,000.00	
17.4	Additional charge: Service cancel upon arrival charge (per man)	1	Item	\$2,000.00	
17.5	Additional charge: Data change charge (per requested)	1	Item	\$1,000.00	
17.6	Additional charge: report urgent processing (within 10 working days)	1	Item	30% of basic charge	
17.7	Additional charge: report urgent processing (within 5 working days)	1	Item	50% of basic charge	
17.8	Additional charge: report urgent processing (within 3 working days)	1	Item	100% of basic charge	
17.9	Additional charge: Extra Report Request	1	Copy	\$500.00	
17.10	Additional charge: Report Re-Issue (Original Report)	1	Copy	\$500.00	
17.11	Additional charge: Report Re-Issue (Certified True Copy)	1	Copy	\$200.00	
17.12	Additional charge: Service Outside Macao (per man per day)	1	Item	\$1,600.00	
17.13	Additional charge: Overtime, excluding Labor Holiday (per hour)	1	Item	20% of basic charge	
17.14	Additional charge: Overtime, on Labor Holiday (per hour)	1	Item	30% of basic charge	
17.15	Additional charge: Work on Saturday, Sunday, Public Holiday, excluding Labor Holiday	1	Item	50% of basic charge, min. \$2,200.00	
17.16	Additional charge: Work on Labor Holiday	1	Item	100% of basic charge, min. \$4,400.00	



## Conditions of Service

1. The Price List (the “List”) above refers to the standard of service charge of general service items provided by IDQ. As for the special service requirement, the price will be based on the actual situation of each. For details, please contact us for inquiry.
2. General Working Hours:  
Monday to Thursday ..... 09:00 to 13:00, 14:30 to 17:45  
Friday ..... 09:00 to 13:00; 14:30 to 17:30  
Except for Public/ Government/ Mandatory Holidays of Macau S.A.R.
3. Service Requests
  - 3.1. The Client must fill in the service request document correctly with the requirements of the following items, and shall be signed and chopped (the name shown on the chop and the Client name on the SRF MUST be exactly the same, including the conformance of language - Chinese/English/Portuguese), and shall be submitted to IDQ via e-mail (contract@idq.org.mo) or fax (+853-2835 6162):
    - For the item 1 – 7, please fill in the Service Request Form
    - For the item 8 - 17, please fill in the Service Commission document and Service Request Form (SRF)
  - 3.2. IDQ will reply to the Client within 3 working days from the next day of receiving the SRF.
  - 3.3. If a purchase order (P.O.) will be issued by the Client, the Item No. and contents, according to the List, of the requested services shall be listed in it. The P.O. shall be submitted together with the documents/material required in the SRF via email (contract@idq.org.mo) or fax (+853-2835 6162).
  - 3.4. If the Client considers it necessary to insure for its assets or a third party, it shall be insured by self.
4. Settlement of the Services
  - 4.1. The service fees will be based on the unit-price shown in the List and the final quantity in the SRF. Invoices will be issued accordingly.
  - 4.2. The total length of Service shall include all the time that our staffs cost on the Service providing, such as the time for the traffic from IDQ to workplace, access/leaving time of Gate, exit/entry time of Customs, and safety training time at the workplace, etc.
  - 4.3. The Client is responsible for all the procedures and charges of the applications for access/leaving of Gate or exit/entry of Customs.



- 4.4. Upon our staffs' arrival at the workplace, if the Client requests to cancel or postpone the services, the attendance fee shall be charged.
- 4.5. The Invoices shall be settled within the period remarked on it.
- 4.6. Reminding Letters for Overdue (the "Letter") will be issued once an invoice is overdue. The Clients shall pay the relevant fees after receiving the Letter within the period remarked in it.
- 4.7. Services will be suspended until the relevant expired invoices are settled.
- 4.8. For overdue invoices, the Letter will be issued for 3 times in total – The relevant reports will be cancelled when the the period remarked in the second Letter has passed. IDQ retains the rights to claim for the rellevant service charge.
5. Collection of Report/Certificate
  - 5.1 Upon settling the invoice and receiving our notification, the Client is required to bring the company chop to IDQ within 90 days to collect the report/certificate. If the Client fails to collect the report/certificate within the specified period, please contact with our staff in time. Otherwise, the uncollected report/certificate will be cancelled without further notice.
  - 5.2 All the company name shown in the report/certificate, invoices and receipts issued by IDQ, and the payment voucher or note issued by the Client, will/shall be the corresponding to one shown on the SRF (confirmed by IDQ) or P.O(issued by the Client).
  - 5.3 If found difference between the Company names foresaid, the Client shall provide an authorization in paper (signed and chopped). If any queries, please contact our staffs for assist in the process.
6. If any following cases, the Institute shall be entitled to suspend or terminate the provision of Services immediately and without liability.
  - Inadequate safety measures;
  - Any suspension of payment, bankruptcy, or cessation of business of the Client;
  - Any failure of the Client to comply with its obligations;
  - Any known actual or potential risks or hazards exist in any service commission, relevant samples, test or experiment, such as radioactive/ toxic/ noxious/ explosive elements/ materials, or existences/ dangers with possibility of environmental pollution or poisoning, whilst without prior notice to IDQ.
7. In any breakdown, damage, loss, harm or any indemnity arising out of them during the period of providing technical services, which is not caused by the service providing, IDQ shall not hold any responsibility.



8. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
9. For all the consequences caused by the automatic cancellation of the report/certificate due to overdue, IDQ shall not hold any responsibility.
10. No prior notice shall be required to any third party for the update of the List, and the old version will be expired upon the effective date of the new one.



**Remark:**

**Item 1.1 Uninterruptible Power Supply (UPS) System Test**

1. The Client shall apply for the test through telephone or email to IDQ at least 3 working days in advance. The Institute has the final decision on the date of testing.
2. The Client shall provide the technical information of the uninterruptible power supply system (including: uninterruptible power supply type, output power, uninterruptible power supply switching logic, power supply time) through telephone or email at least 3 working days in advance.
3. The test will be judged mainly according to the reference standard YD/T 1095-2018 “AC uninterruptible power systems for telecommunications”. If Clients request to judge by other standards, the details of standards should be provided to IDQ.
4. Item 1.1 only applicable to uninterruptible power supply systems with a power time of 4 hours or less.
5. The testing items for uninterruptible power supply systems include: output voltage deviation, three-phase voltage unbalance(not applicable for single phase alternating current UPS), frequency, output waveform distortion, output active power, dynamic electrical transient range, voltage transient recovery time, uninterruptible power supply switching logic, uninterruptible power supply switching time, and load testing.
6. IDQ can provide testing equipment (a three-phase AC resistance load box with a rated power of 160kW or a single-phase AC load box with a rated power of 3kW) for testing. However, the Client shall arrange the handling and transportation of the testing equipment on their own and be responsible for returning it to our storage location. Due to testing equipment limitations, if the uninterruptible power supply system exceeds the rated power of the aforementioned testing equipment, the Client must consult with the IDQ contacting person for the testing arrangements, the charge in item 1.1 does not apply to this situation.
7. IDQ can arrange transportation of testing equipment to and from IDQ and the gate of the testing site. The charges apply to item 1.3. However, the Client is responsible for transporting the test equipment from the gate to the test location.
8. On the day of the test, the Client shall send personnel to be responsible for the wiring of the system, and 220V power supply needs to be provided on site.
9. The Client is responsible for the operation during the test, and follow the instructions from the personnel of IDQ to carry out the designated test items throughout the testing. The personnel of IDQ will not touch any parts of the test system.



10. The testing result is valid only for the testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.
11. The Client should inform the institute by email or letter 1 working day in advance for any cancellation of testing. Otherwise, relevant fees will be charged according to item 1.12.
12. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 1.5.
13. Normally, official reports will be issued in 15 working days after finishing the test. Temporary records can be provided in 2 working days upon request.
14. The time for report urgent processing service is counted starting from the day after finishing all testing. It will only be provided upon our availability and will be charged according to item 1.9.
15. IDQ staffs provide services outside the working hour are deemed to be working overtime. Additional charge will apply for overtime according to item 1.6.
16. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.
17. The test date must be an office day of the institute. If the test needs to be arranged on non-office days, additional charges will be charged according to items 1.7 to 1.8.
18. The discount on the service request form is only applicable to items commissioned one-off.
19. Upon the service request form, if the language used on the Report does not specify, Chinese will be acquiescent used.
20. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.
21. The name of Client, Project Name, Report Title, etc. on the service request form filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the IDQ has confirmed the relevant service request form, every revision will be charged according to item 1.11, and every report modifications caused by data changes will be charged according to item 1.10.
22. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.
23. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and extra fee should be charged for additional test/re-test.



**Remark:**

**Item 1.2 Photovoltaic System Power Quality Test**

1. The Client shall apply for the test through telephone or email to IDQ at least 3 working days in advance. The Institute has the final decision on the date of testing.
2. The Client shall provide the technical information of the Photovoltaic System (including: inverter type, rated power, etc.) through telephone or email at least 3 working days in advance.
3. The test will be judged mainly according to the Macau Administrative Regulation No. 20/2014. If Clients request to judge by other standards, the details of standards should be provided to IDQ.
4. The testing items for power quality test include: voltage deviation, frequency, total harmonic distortion and distortion wave limit, power factor, three-phase voltage unbalance, dc component, and flicker. The general testing duration is 20 minutes.
5. The Client shall arrange the handling and transportation of the testing equipment on their own and be responsible for returning it to our storage location.
6. IDQ can arrange transportation of testing equipment to and from IDQ and the gate of the testing site. The charges apply to item 1.3. However, the Client is responsible for transporting the test equipment from the gate to the test location.
7. On the day of the test, the Client shall send personnel to be responsible for the wiring of the system, and 220V power supply needs to be provided on site.
8. The Client is responsible for the operation during the test, and follow the instructions from the personnel of IDQ to carry out the designated test items throughout the testing. The personnel of IDQ will not touch any parts of the test system.
9. The testing result is valid only for the testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.
10. The Client should inform the institute by email or letter 1 working day in advance for any cancellation of testing. Otherwise, relevant fees will be charged according to item 1.12.
11. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 1.5.
12. Normally, official reports will be issued in 15 working days after finishing the test. Temporary records can be provided in 2 working days upon request.
13. The time for report urgent processing service is counted starting from the day after finishing all testing. It will only be provided upon our availability and will be charged according to item 1.9.



14. IDQ staffs provide services outside the working hour are deemed to be working overtime. Additional charge will apply for overtime according to item 1.6.
15. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.
16. The test date must be an office day of the institute. If the test needs to be arranged on non-office days, additional charges will be charged according to items 1.7 to 1.8.
17. The discount on the service request form is only applicable to items commissioned one-off.
18. Upon the service request form, if the language used on the Report does not specify, Chinese will be acquiescent used.
19. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.
20. The name of Client, Project Name, Report Title, etc. on the service request form filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the IDQ has confirmed the relevant service request form, every revision will be charged according to item 1.11, and every report modifications caused by data changes will be charged according to item 1.10.
21. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.
22. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and extra fee should be charged for additional test/re-test.



**Remark:**

**Item 2.1 Hot Water Boiler Safety Function Test Witness**

1. The Client shall apply for the test through telephone or email to IDQ at least 3 working days in advance. The Institute has the final decision on the date of testing.
2. The Client shall provide the technical information of the hot water boiler (including: brand and model, capacity, safety functions, user manual etc.) through telephone or email at least 3 working days in advance.
3. The Client is responsible for the operation during the test, and follow the instructions from the personnel of IDQ to carry out the designated test items throughout the testing. The personnel of IDQ will not touch any parts of the test system.
4. The testing result is valid only for the testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.
5. The Client should inform the institute by email or letter 1 working day in advance for any cancellation of testing. Otherwise, relevant fees will be charged according to item 2.14.
6. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 2.7.
7. Normally, official reports will be issued in 15 working days after finishing the test.
8. The time for Report urgent processing service is counted starting from the day after finishing all testing. It will only be provided upon our availability and will be charged according to item 2.11.
9. IDQ staffs provide services outside the working hour are deemed to be working overtime. Additional charge will apply for overtime according to item 2.8.
10. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.
11. The test date must be an office day of the institute. If the test needs to be arranged on non-office days, additional charges will be charged according to items 2.9 to 2.10.
12. The discount on the service request form is only applicable to items commissioned one-off.
13. Upon the service request form, if the language used on the Report does not specify, Chinese will be acquiescent used.
14. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.
15. The name of Client, Project Name, Report Title, etc. on the service request form filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the IDQ has confirmed the relevant service request form, every revision will be charged according to item 2.13, and every report modifications caused by data changes will be charged according to item 2.12.



16. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.
17. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and extra fee should be charged for additional test/re-test.



**Remark:**

**Item 2.2 Boiler Safety Valve On-line Calibration**

1. The Client shall apply for the test through telephone or email to IDQ at least 3 working days in advance. The Institute has the final decision on the date of testing.
2. The Client shall provide the technical information of the safety valve (including: brand and model, working medium, nominal diameter, flow diameter, working pressure and set pressure, etc.) through telephone or email at least 3 working days in advance.
3. The suggested testing standard is ASME PTC 25-2018. If Clients request to test by other standards, the details of standards should be provided to IDQ.
4. Safety valve on-line calibration only applicable to safety valve with lever and for nominal diameter greater or equal to DN32.
5. Safety valve on-line calibration can be performed when the hot water boiler is operating or non-operating.
6. Safety valve on-line calibration only calibrates the set pressure of the safety valve.
7. The top of the safety valve should have a clearance of 80 cm for installing the testing instruments. If the safety valve is wrapped in insulation cotton/ insulation cover, the Client shall be responsible for removing and restoring the insulation cotton/insulation cover.
8. The Client shall provide a safe working platform for testing, and arrange a technician to assist the calibration.
9. During the test, IDQ staff will remove the seal and top cover of the safety valve. After the test is completed, the safety valve will be reassembled and locked with IDQ's seal. IDQ shall not be held liable if the safety valve is damaged due to its own problems (such as corrosion and rust etc.) during the test.
10. The testing result is valid only for the testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.
11. The Client should inform the institute by email or letter 1 working day in advance for any cancellation of testing. Otherwise, relevant fees will be charged according to item 2.14.
12. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 2.7.
13. Normally, official reports will be issued in 15 working days after finishing the test. Temporary records can be provided in 2 working days upon request.
14. The time for Report urgent processing service is counted starting from the day after finishing all testing. It will only be provided upon our availability and will be charged according to item 2.11.



15. IDQ staffs provide services outside the working hour are deemed to be working overtime. Additional charge will apply for overtime according to item 2.8.
16. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.
17. The test date must be an office day of the institute. If the test needs to be arranged on non-office days, additional charges will be charged according to items 2.9 to 2.10.
18. The discount on the service request form is only applicable to items commissioned one-off.
19. Upon the service request form, if the language used on the Report does not specify, Chinese will be acquiescent used.
20. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.
21. The name of Client, Project Name, Report Title, etc. on the service request form filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the IDQ has confirmed the relevant service request form, every revision will be charged according to item 2.13, and every report modifications caused by data changes will be charged according to item 2.12.
22. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.
23. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and extra fee should be charged for additional test/re-test.



### **Item 2.3, 2.4 Boiler Safety Valve Off-line Calibration**

1. The Client shall apply for the test through telephone or email to IDQ at least 3 working days in advance. The Institute has the final decision on the date of testing.
2. The Client shall provide the technical information of the safety valve (including: brand and model, working medium, nominal diameter, flow diameter, working pressure and set pressure, etc.) through telephone or email at least 3 working days in advance.
3. The suggested testing standard is API 510-2014(10th Ed.), API RP 576(4th Ed.), API STD 527(4th Ed.). If Clients request to test by other standards, the details of standards should be provided to IDQ.
4. Safety valve off-line calibration calibrates the set pressure and tightness test pressure of safety valve.
5. To ensure the quality of test, Client shall remove the gasket at the inlet and outlet of the safety valve. Otherwise, IDQ staff will remove it, the integrity and reusability of the gasket will not be guaranteed.
6. Client is responsible for the delivery of safety valves, and thoroughly cleaning the inside and outside of the safety valves to ensure no hazardous contaminant.
7. IDQ can arrange one-time transportation of safety valve, with a maximum weight limit of 15 kilograms per valve and a total weight limit of 100 kilograms. The charge applies to item 2.5.
8. The testing result is valid only for the testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.
9. The Client should inform the institute by email or letter 1 working day in advance for any cancellation of testing. Otherwise, relevant fees will be charged according to item 2.14.
10. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 2.7.
11. Normally, official reports will be issued in 15 working days after finishing the test. Temporary records can be provided in 2 working days upon request.
12. The time for Report urgent processing service is counted starting from the day after finishing all testing. It will only be provided upon our availability and will be charged according to item 2.11.
13. IDQ staffs provide services outside the working hour are deemed to be working overtime. Additional charge will apply for overtime according to item 2.8.
14. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.
15. The test date must be an office day of the institute. If the test needs to be arranged on non-office days, additional charges will be charged according to items 2.9 to 2.10.
16. The discount on the service request form is only applicable to items commissioned one-off.



17. Upon the service request form, if the language used on the Report does not specify, Chinese will be acquiescent used.
18. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.
19. The name of Client, Project Name, Report Title, etc. on the service request form filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the IDQ has confirmed the relevant service request form, every revision will be charged according to item 2.13, and every report modifications caused by data changes will be charged according to item 2.12.
20. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.
21. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and extra fee should be charged for additional test/re-test.



**Remark:**

**Item 3 Renewal Service of Welder's Qualification Certificate Accredited by Training Course**

1. When submitting the Service Request Form, the Client is required to submit a copy of the original welder's qualification certificate, and a 1.5-inch, color, bareheaded and full-faced photograph in plain white background which is taken within the last 6 months.
2. When the renewal is completed, invoice will be issued, the payment should be settled after 30 days of the invoice, related certificates will be issued upon the payment has settled.



**Remark:**

**Item 4.1 and Item 4.2 Fire Resistance Test**

1. Before filling in the service application form, the Client should submit a formal letter regarding the full of test specimen to the institute, including the drawings of the test specimen (including but not limited to the exposed face, unexposed face, cross sections, longitudinal sections, structural skeleton diagrams, necessary structural drawings and installation method drawings, etc.), component information of the test specimen (including but not limited to the data sheet of the test specimen component, hardware accessories and materials product catalog or product manual, etc.) and the latest business license of the test specimen manufacturer, and the customer must arrange for the institute's staff to visit the test specimen manufacturer's factory (production or assembly factory) for on-site evaluation. In order for this institute to confirm the production plant, the structure and material of the test specimen.
2. After the Proforma invoice is issued, settle payment within 15 days, otherwise the entrustment testing will be cancelled automatically.
3. After settlement of the service fee, the Institute will communicate and make appointment with the Client, and notify the installation date of the specimen, the testing date and the testing place by letter.
4. After settlement of the service fee and confirmed the testing information, the Institute will arrange the test in the laboratory locate in Macao or the domestic laboratory location in China according with the current test schedule. The Client cannot object the arranged testing laboratory and the Institute reserves the right of final decision.
5. The Client is required to make appointment for the test within 180 days after the settlement of the service fee, otherwise the Institute will discontinue the provision of service.
6. After the settlement of the service fee, if the Client requests a postponement of the appointment, the test date can be postponed AT MOST once (1 time) and needs to be rearranged based on the actual situation of scheduling judged by the Institute. If the test cannot be carried out on the rearranged test date, the testing service will be cancelled. However, the Client shall be responsible for the delay of the completion period of the relevant projects due to the postponement foresaid.
7. After the settlement of the service fee and confirmation of the test date, if the Client requests a postponement of the testing service within 10 working days before the appointed testing date, the institute will charge the service fee of postponement according to item 4.1.13.
8. The Client is required to prepare the testing specimen according to the institute's requirements, the dimension of the specimen should not be larger than the recommend size of 3000mm x



3000mm (The actual dimensions should be further confirmed between the Client and the institute). The Client needs to prepare their own tools and materials for installation and sealing of test specimen, and the installer must prepare and wear personal protective equipment (including masks, helmets, safety shoes, reflective clothing, etc.), please note that for regarding fixation, the Client should install the test specimen on the test frame according to the actual application conditions). The institute engineer will conduct the verification and inspection before the fire resistance test.

9. For the fire resistance test, the Client shall finish the transport and installation of the test specimen to the testing frame provided by the Institute, and the gaps of the specimens are sealed by the Client based on the practical application and the Institute shall not be responsible for any installation situation and cost involved.
  - Before transporting test specimen to the institute's designated place, the Client needs to contact the institute's staff at least one working day in advance to coordinate related matters. If large container trucks or cranes are needed to transport the test specimen, there is a chance that public roads will be occupied. Specimens can only be transported to the institute after contacting the institute's staff at least one working day in advance, and only outside designated office hours.
  - In addition to transporting the test specimen to the institute's designated testing laboratory, the Client also needs to transport a sample board of the test specimen to the institute's office.
  - The Client shall communicate and confirm the condition of the testing frame with our engineer in advance. If the Client fails to complete the installation of the test specimen within the General Working Hours arranged by IDQ and needs to extend the installation outside it, IDQ will charge an additional fee for the extended installation time according to the standard of MOP\$1,000.00/hour (The part less than one hour is counted as one hour).
  - If the Client fails to complete the installation of the test specimen within the time arranged by IDQ, which leads to the relevant test cannot be carried out as scheduled, IDQ will record that as once (1 time) postponement according to the Clause 6, the Client shall remove the test specimen and clean up all garbage caused by the installation and demolition work on/before the original test date. In this case, IDQ will charge 30% of the service fee as administrative expenses according to Clause 7 above whilst any liability arising therefrom shall be borne by the Client. If Client does not remove the specimen before the testing date, the institute will remove the specimen and discard it and charge the demolition fee of the test specimen according to item 4.1.16.



10. After the installation of the test specimen, the Client is required to clean up the installation site and evacuate all waste generated by themselves. If not, extra service fee will be charged the cleaning fee of clean up the installation site according to item 4.1.15.
11. After the Client completes the installation of the test specimen, the institute staff will conduct the functional testing of the test specimen before testing (including but not limited to functional testing of switch actions and hardware accessories); and will check the dimensions of the test specimen, including but not limited to whether the height, width, thickness of the test specimen, the size and installation position of the hardware accessories, the size and installation position of the window, and the size of each door gap (or gate gap) are consistent with the drawing; if the functional test of the test specimen is abnormal or If the measured dimensions are inconsistent with the drawings, the Client must complete the adjustment of the test specimen and submit the corrected drawings before the test date.
12. Before testing, if the information submitted by the Client is incomplete, or the test specimen does not correspond the drawing submitted by the Client, or the function of the test specimen fails to operate normally, the Client must complete modifications and adjustments before the scheduled test date and time. If the Client does not complete the modification and adjustment of the test specimen before the scheduled test date and time, the institute has the right to request a postponement of the test date. If the test date is postponed due to the above reasons, the Client must dismantle the test specimen and clean up all waste generated by the installation and dismantling work on the original test date or within 3 days after the test date, and extra fee for delayed testing will be charged according to the price list item 4.1.13. If the Client does not remove the test specimen on the test date or within 3 days after the test date, the institute will remove the test specimen and discard it, and additional fees will be charged according to the price list item 4.1.16. The testing service can only be postponed once at most, and the institute will reschedule the postponed test date according to the schedule. If the Client is still unable to test on the reschedule the test date by the institute, the relevant testing services will be canceled. The Client is responsible for any impact on the completion period of the relevant project due to delayed testing.
13. Prior to the fire test, the Institute will conduct a functional test or leakage test (if applicable) on the test specimen and record the test results. If the test specimen cannot complete the functional test or the result of the leakage test exceeds the standard requirements, the test specimen will be judged to have failed the functional test or leakage test. If the functional test or leakage test is required to be re-tested, additional test fee for functional test or leakage test will be charged according to 4.1.17 in the price list. In addition, if the test specimen fails the



functional test or leakage test, the institute has the right to request a postponement of the test date. If the test date is postponed due to the above reasons, the Client must dismantle the test specimen and clean up all waste generated by the installation and dismantling work on the original test date or within 1 day after the test date, and extra fee for delayed testing will be charged according to the price list item 4.1.13. If the Client does not remove the test specimen on the test date or within 1 day after the test date, the institute will remove the test specimen and discard it, and additional fees will be charged according to the price list item 4.1.16.

14. If the Client does not pay the fee for deferred testing and/or removal of the test piece will influence the test schedule, the institute accept the application for a new fire resistance test after the client paid the fee.
15. The Client needs to submit the list and contact information of the personnel who will witness the test at least three working days before the test date. The Client can send up to at most two people to witness the test.
16. At the test date, the test will start after the Client confirms the installation and the surrounding environment situation of the test specimen.
17. After completed the fire resistance test, ONE Chinese version report, including the structure, installation, testing process and results of the specimen, will be given to the Client, and the test result is only applicable to the condition of the test specimen.
18. In general, if the Client has submitted all correct relevant information regarding the fire resistance test, such as drawing, components description and specimen, the test result will be informed after the test and the formal test report will be issued within 30 working days. However, if the Client do not submit drawing, components description and specimen in consistent with the testing specimen, the Institute have the right to postpone the issue the corresponding test report unless correct information have been submitted by the test sponsor. If the test sponsor cannot revise and submit the correct information of the test specimen within 90 days, the Institute will not issue the test report and the test result will be cancelled.
19. The name of the test sponsor on the report is consistent with the Client name on the service request form.
20. The test report is valid only for 3 years. Renewal application must be applied before the renew date of the test report by the Client with the relevant supporting documents, otherwise the subsequent assessment process may be affected or IDQ has the right to reject the assessment for the expired report. After the documents checked by our engineer, the Client shall arrange our visit to the factory of the manufacturer (production or assembly plant) for on-site evaluation.



When all conditions have been checked met, the relevant test report will be evaluated by IDQ and used further (detail as item 4.1.11.1).

21. For the fire resistance test, the Institute is only responsible for the test of physical properties of the specimen under specific test conditions / standard, the usage of the test report mainly depends on the Client, any modifications made to the structure and material of the specimen after the test will invalidate the test report automatically.
22. Only one fire resistance test report will be issued to the Client, and the name of the Client on the service request form MUST be the same as the test sponsor stated on the test report; Extra cost will be charged for extra test report copy (TRUE COPY) and only the Client can apply for extra test report. The Institute will keep a test report for their own filing purpose, and the Institute have the rights for any reporting issue.
23. The Client should collect their test report within 90 days after receiving the notice from the Institute. If not, the Institute has the right to cancel the test report and result.
24. During the provision of technical services, the Institute shall not be liable for any failure, damage, loss, or compensation arising out of any service which is not caused by the Institute.
25. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
26. The Institute reserves the right of final decision for any argument regarding the fire resistance test of testing equipment, process, results and content of the test report.
27. Due to the public interest, such type of reports must be reviewed and backed up by Corpo do Bombeiros as approval (in Macau). Therefore, all reports of Fire Resistance types issued by IDQ will be in triplicate, one for the Client, one for IDQ and one for Corpo do Bombeiros.



**Remark:**

**Item 4.1.1 Fire Resistance Test for Fire Door / 4.1.2 Fire Resistance Test for Partition / Wall / 4.1.3 Fire Resistance Test for Fire Rated Glass/Glazing / 4.1.4 Fire Resistance Test for Fire Curtain/ Fire Shutter**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to British Standards BS 476-20&22:1987. In addition, the testing conditions and corresponding equipment will be implemented in accordance to British Standards BS 476-20&22:1987.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in British Standard BS 476-20:1987. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.1.5 Fire Resistance Test for Fire Damper**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to British Standards BS 476-20:1987. In addition, the testing conditions and corresponding equipment will be implemented in accordance to British Standards BS 476-20:1987.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in British Standard BS 476-20:1987. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule

**Item 4.1.6 Fire Resistance Test for Fire-stops / Fire Intumescent Material**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to British Standards BS 476-20: 1987. In addition, the testing conditions and corresponding equipment will be implemented in accordance to British Standards BS 476-20:1987.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in British Standard BS 476-20:1987. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.1.7 Fire Resistance Test for Fire Rated Ventilation Duct**

1. Referring to the related information provided by the Client (internal fire of fire rated duct), in order to meet the international standards, the fire resistance test will be conducted reference to British Standards BS 476-20& 24:1987. In addition, the testing conditions and corresponding equipment will be implemented reference to British Standards BS 476-20&24:1987.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in British Standard BS 476-20:1987. Unless specified by the Client, the fire resistance test only measures and records the Stability, Integrity and Insulation of the specimen.
3. For the test, the institute only reports the integrity, insulation and stability time of the specimen in accordance with the test standard. The institute also reports the failure of integrity, insulation and stability, if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.1.8 Fire Resistance Test for Ceiling Membranes**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to British Standards BS 476-20&22:1987. In addition, the testing conditions and corresponding equipment will be implemented in accordance to British Standards BS 476-20&22:1987.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in British Standard BS 476-20:1987. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.

**Horizontal Non-Loadbearing Elements of Construction**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to British Standards BS 476-20:1987. In addition, the testing conditions and corresponding equipment will be implemented in accordance to British Standards BS 476-20:1987.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in British Standard BS 476-20:1987. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.1.9 Non-Combustibility Test for Materials**

1. Referring to the related information provided by the Client, the fire rated material is required to test for its Non-Combustibility. In order to meet the international standards, the Non-Combustibility test will be conducted according to British Standards BS 476-4:1970. In addition, the testing conditions and corresponding equipment will be implemented according to British Standards BS 476-4:1970.
2. During the test, the temperature inside the furnace will be maintained according to the requirement mentioned in British Standard BS 476-4:1970. Through record and observation, the criteria of failure of the specimen will be determined with respect to one criterion: Non-Combustibility. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.

**Item 4.1.10 Fire Resistance Test for Fire Rated Fan**

1. Client should prepare and install the ducting of the test fan according the requirements of the institute.
2. Referring to the related information provided by the Client, fire rated air fan is required to test its fire rated performance. According to the requirement of test sponsor, the temperature of the test will be kept at either 400oC or 250oC. In order to meet the international standards, the fire resistance test will be conducted reference to British Standards BS 476-20:1987. In addition, the testing conditions and corresponding equipment will be implemented reference to British Standards BS 476-20:1987.
3. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in British Standard BS 476-20:1987. Unless specified by the Client, the fire resistance test only measures and records the Integrity of the specimen.
4. For the test, the institute only reports the integrity time of the specimen in accordance with the test standard. The institute also reports the failure of integrity, if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.1.11.1 Reassessment for Fire Test Report**

1. The renewal application of the Fire Test Report shall be applied by the owner of the original test report (which is the test sponsor).
2. The renewal process shall be applied before the expire date (the renew date of report) mentioned in the original test report. Any application after the expire date will not be accepted.
3. Based on the information provided by the Client, the original test report will be renewed for their further usage.
4. The new assessment report will be issued within 30 working days after the factory inspection for the factory of the test specimen manufacture by the institute and submittal of all necessary documentation from the Client, the documentation includes the following: (but not limited to)
  - Declaration/Confirmation letter regarding the testing material
  - Manufacture Factory Business Certificate issued by the government
  - Full set of test sample used and completion of manufacture factory inspection
5. After settle the payment, the information submitted by the test sponsor is incomplete, or different with the original test report, the institute have the right to request the test sponsor to make modification immediately or postpone to issue the assessment report. If the Client cannot submit the complete and correct information within 30 working days, the testing service will be cancelled.
6. The Client name of the renewal application must be the same as the test sponsor name of the test report.
7. The renewal report is valid for 3 years.
8. The institute will start the renewal process once the Client signed the service request form and settled the payment.
9. The usage of the renewal report solely depends on the test sponsor.
10. Any modification of the design, components or material used from the original test report will invalid the assessment report automatically.
11. Only one renewal report will be issued to the Client, and the name of the Client on the service request form MUST be the same as the test sponsor stated on the test report. Extra service fee will be charged for additional report copy (TRUE COPY) and only available to the Client under application. The Institute will keep extra report for internal record. Finally, the Institute have the final reporting rights.



12. The Client is responsible for the payment and arrangement of the transportation and accommodation between Macau and the manufacture factory, for maximum 2 engineers from the institute.
13. If the Client fails to provide sufficient information mentioned above, the Institute have the right to ask for sufficient information before proceeding the renewal process.
14. Due to the public interest, such type of reports must be reviewed and backed up by Corpo do Bombeiros as approval (in Macau). Therefore, all reports of Fire Resistance types issued by IDQ will be in triplicate, one for the Client, one for IDQ and one for Corpo do Bombeiros.



**Remark:**

**Item 4.1.11.2 Issue the English Fire Test Report**

1. The application of the English Version Fire Test Report shall be applied by the owner of the original test report (which is the test sponsor).
2. The Client must apply for the English version of the fire test report within the effective date of the test report (the renew date of report).
3. According to the Client request, English Version Fire Resistance Test Report is required for their further usage.
4. The Client name of the application must be the same as the test sponsor name of the test report.
5. The English Version report will be issued within 30 working days after the confirmation of the service request form and settle the payment.
6. The valid date of this English Version Report will be exactly the same as the original fire test report (Chinese one).
7. The service will be provided after confirmation of the service by the Client and completing the payment.
8. The usage of the renewal report solely depends on the test sponsor.
9. Any modification of the design, components or material used from the original test report will invalid the English Version report automatically.
10. Only one English Version report will be issued to the Client, and the name of the Client on the service request form MUST be the same as the test sponsor stated on the test report. Extra service fee will be charged for additional report copy (TRUE COPY) and only available to the Client under application. The Institute will keep extra report for internal record. Finally, the Institute have the final reporting rights.
11. Due to the public interest, such type of reports must be reviewed and backed up by Corpo do Bombeiros as approval (in Macau). Therefore, all reports of Fire Resistance types issued by IDQ will be in triplicate, one for the Client, one for IDQ and one for Corpo do Bombeiros.



**Remark:**

**Item 4.1.11.3 True Copy Report**

1. The application of the True Copy Report shall be applied by the owner of the original test report (which is the test sponsor).
2. The Client must apply for the copy of the fire resistance report within the effective date of the test report (the renew date of report).
3. According to the Client request, True Copy Report is required for their further usage.
4. The Client name of the application must be the same as the test sponsor name of the test report.
5. The True Copy Report will be issued within 10 working days after the confirmation of the service request form by the Client and completing the payment.
6. The usage of the True Copy Report solely depends on the test sponsor.
7. The True Copy Report will only be provided under the application of the Client.
8. The letter "True Copy Report" will be printed at the footer of the test report, in order to identify from the original fire test report. (For example, 20XX-FRTXXX True Copy Report).
9. Only one True Copy Report will be issued to the Client, and the name of the Client on the service request form MUST be the same as the test sponsor stated on the test report. Extra service fee will be charged for additional report and only available to the Client under application. The Institute will keep extra report for internal record. Finally, the Institute have the final reporting rights.



**Remark:**

**Item 4.1.12.1 Dimension Assessment Report for Fire Door**

1. The application of the Dimension Assessment Report for Fire Door shall be applied by the owner of the original test report (which is the test sponsor).
2. The process shall be applied before the expired date (the renew date of report) mentioned in the original test report. Any application after the expired date will not be accepted.
3. Based on the information provided by the Client, the institute assesses whether the fire resistance the fire door fulfills the requirements of the Client after the dimension of the fire door has been changed for their further usage.
4. The new assessment report will be issued within 30 working days after the submittal of all necessary documentation and payment of the assessment report from the Client, the documentation includes the following: (but not limited to)
  - The drawing of the fire door which is to be assessed,
  - The schedule of components of the fire door which is to be assessed.
5. The Client name of the assessment report must be the same as the test sponsor name of the test report.
6. The assessment report is valid for 3 years, and when the original test report becomes invalid, the corresponding assessment report will also become invalid (the validity period is subject to the earlier expiration date).
7. The institute will start the assessment process once the Client signed the service request form and settled the payment.
8. The usage of the renewal report solely depends on the test sponsor.
9. Any modification of the design, components or material used from the original test report will invalidate the assessment report automatically.
10. Only one assessment report will be issued to the Client, and the name of the Client on the service request form MUST be the same as the test sponsor stated on the test report. Extra service fee will be charged for additional report copy (TRUE COPY) and only available to the Client under application. The Institute will keep extra report for internal record. Finally, the Institute have the final reporting rights.
11. If the Client fails to provide sufficient information mentioned above, the Institute have the right to ask for sufficient information before proceeding the assessment process.
12. Due to the public interest, such type of reports must be reviewed and backed up by Corpo do Bombeiros as approval (in Macau). Therefore, all reports of Fire Resistance types issued by IDQ will be in triplicate, one for the Client, one for IDQ and one for Corpo do Bombeiros.



**Remark:**

**Item 4.1.12.2 Dimension and Ironmongery Assessment Report for Fire Door**

1. The application of the Dimension and Ironmongery Assessment Report for Fire Door shall be applied by the owner of the original test report (which is the test sponsor).
2. The process shall be applied before the expired date (the renew date of report) mentioned in the original test report. Any application after the expired date will not be accepted.
3. Based on the information provided by the Client, the institute assesses whether the fire resistance the fire door fulfills the requirements of the Client after the dimension of the fire door has been changed for their further usage.
4. The new assessment report will be issued within 30 working days after the submittal of all necessary documentation and payment of the assessment report from the Client, the documentation includes the following: (but not limited to)
  - The drawing of the fire door which is to be assessed,
  - The schedule of components of the fire door which is to be assessed,
  - The comparison list of the replace components/ ironmongery,
  - The catalog and information of the original components/ ironmongery and the components/ ironmongery to be assessed issued by the factory/ supplier,
  - The fire test report/ certificate of the components/ ironmongery which is to be assessed.
5. The Client name of the assessment report must be the same as the test sponsor name of the test report.
6. The assessment report is valid for 3 years, and when the original test report becomes invalid, the corresponding assessment report will also become invalid (the validity period is subject to the earlier expiration date).
7. The institute will start the assessment process once the Client signed the service request form and settled the payment.
8. The usage of the renewal report solely depends on the test sponsor.
9. Any modification of the design, components or material used from the original test report will invalid the assessment report automatically.
10. Only one assessment report will be issued to the Client, and the name of the Client on the service request form **MUST** be the same as the test sponsor stated on the test report. Extra service fee will be charged for additional report copy (TRUE COPY) and only available to the Client under application. The Institute will keep extra report for internal record. Finally, the Institute have the final reporting rights.



11. If the Client fails to provide sufficient information mentioned above, the Institute have the right to ask for sufficient information before proceeding the assessment process.
12. Due to the public interest, such type of reports must be reviewed and backed up by Corpo do Bombeiros as approval (in Macau). Therefore, all reports of Fire Resistance types issued by IDQ will be in triplicate, one for the Client, one for IDQ and one for Corpo do Bombeiros.



**Remark:**

**Item 4.2.1 Fire Resistance Test for Fire Door**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to Standards BS EN 1363-1: 2020 and BS EN 1634-1: 2014 + A1: 2018. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and BS EN 1634-1: 2014 + A1: 2018 (setup and evaluation according to supplementary procedure).
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. According with the Standards BS EN 13501-2: 2016. The Fire Door specimen will be classified (EI<sub>1</sub>).
4. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.2.2 Fire Resistance Test for Partition / Wall**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to Standards BS EN 1363-1: 2020 and BS EN 1364-1: 2015. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and BS EN 1364-1: 2015.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. According with the Standards BS EN 13501-2: 2016. The Fire Wall / Partition specimen will be classified (EI).
4. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.2.3 Fire Resistance Test for Fire Rated Glass/Glazing**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to Standards BS EN 1363-1: 2020 and BS EN 1364-1: 2015(Glazing Element) / BS EN 1634-1: 2014 + A1: 2018(Glazing Door). In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and BS EN 1364-1: 2015 (Glazing Element) / BS EN 1634-1: 2014 + A1: 2018 (setup and evaluation according to supplementary procedure) (Glazing Door).
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. According with the Standards BS EN 13501-2: 2016. The Fire Glazing Element/ Glazing Door specimen will be classified (EI (Glazing Element) / EI<sub>1</sub> (Glazing Door)).
4. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.2.4 Fire Resistance Test for Fire Curtain/ Fire Shutter**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to Standards BS EN 1363-1: 2020 and BS EN 1634-1: 2014 + A1: 2018. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and BS EN 1634-1: 2014 + A1: 2018 (setup and evaluation according to supplementary procedure).
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. According with the Standards BS EN 13501-2: 2016. The Fire Curtain/ Fire Shutter specimen will be classified (EI<sub>1</sub>).
4. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.2.5 Fire Resistance Test for Fire Damper**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test of the Fire Damper (different installation type / direction / connection type) will be conducted in accordance to Standards BS EN 1363-1: 2020 and EN 1366-2: 2015. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and EN 1366-2: 2015.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. According with the Standards BS EN 13501-3: 2025. The Fire Damper specimen will be classified (EI).
4. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.
5. Depending on different installation type/direction/connection type, the number of the fire resistance test must be carried out :
  - Installation type : installation in / on / away from the supporting construction - 2 fire resistance test must be tested.
  - Installation direction : one way fire damper - maintain the number of installation type / two way fire damper - double the number of installation type (NOT INCLUDING INSTALLATION IN THE SUPPORTING CONSTRUCTION)
  - Connection type : connect with duct - maintain the number of installation type / no ducting on one or both sides - add 2 additional fire resistance test



**Remark:**

**Item 4.2.6 Fire Resistance Test for Fire-stops / Fire Intumescent Material**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to Standards BS EN 1363-1: 2020 and BS EN 1366-3: 2021 + A1: 2024 / BS EN 1366-4: 2021. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and BS EN 1366-3: 2021+ A1: 2024 / BS EN 1366-4: 2021.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. According with the Standards BS EN 13501-2: 2016. The Fire stops specimen will be classified (EI).
4. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.2.7 Fire Resistance Test for Fire Rated Ventilation Duct**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance with Standards BS EN 1363-1: 2020 and BS EN 1366-1: 2014 + A1: 2020 and BS EN 1366-8: 2024. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and BS EN 1366-1: 2014 + A1: 2020 and BS EN 1366-8: 2024.
2. According with Standards BS EN 1366-1: 2014 + A1: 2020 requirements, the cross section areas of the duct specimens are  $1000\pm 10 \times 500\pm 10$ (mm) and  $1000\pm 10 \times 250\pm 10$ (mm), according with Standards BS EN 1366-8: 2024 requirements, the cross-section areas of the duct specimens are  $1000 \times 250$ (mm). If the cross-sectional structure (including the materials for wrapping air ducts) of the air duct designed by the Client exceeds the general conventional size of  $1400 \times 900$  (mm), the air duct must be tested separately, and the testing fee will be charge according to the number of test sections.
3. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
4. According with the Standards BS EN 13501-4:2016. The Fire Duct specimen will be classified (EI).
5. For the test, the institute only reports the Integrity and Insulation time of the specimen in accordance with the test standard. The institute also reports the failure of Integrity and Insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.2.8 Fire Resistance Test for Fire Ceiling Membranes**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test will be conducted in accordance to Standards BS EN 1363-1: 2020 and BS EN 1364-2: 2018. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and BS EN 1364-2: 2018.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. According with the Standards BS EN 13501-2: 2016. The Fire Ceiling Membranes specimen will be classified (EI).
4. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.2.9 Fire Classification of Material**

1. Referring to the related information provided by the Client, in order to meet the international standards, the Fire Classification of Material will be conducted in accordance to Standards BS EN 13501-1: 2018. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 13501-1: 2018 with different classification.
2. During the test, the specimen will be tested for different standards and correspond parameters by Client' requires fire reaction grade according to Standards BS EN 13501-1: 2018. Through recording and observation, the classification of the test specimen can be classified as: A1, A2, B, C, D, E classes. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.

**Item 4.2.10 Smoke Control Test for Fire Door**

1. Referring to the related information provided by the Client, in order to meet the international standards, the smoke control test will be conducted in accordance to Standards BS EN 1634-3:2004. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1634-3:2004.
2. During the test, the temperature inside the furnace will be control according to in a specify temperature range as mentioned in Standard BS EN 1634-3:2004. Through recording and observation, the smoke leakage will be measured and recorded as different pressures at ambient temperature and 200°C
3. According with the Standards BS EN 13501-2: 2016, to determine the Fire Door whether pass or not.
4. For the test, the institute only reports the smoke leakage of the specimen in accordance with the test standard in different pressures at ambient temperature and 200°C. The institute also reports the failure of smoke leakage, if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule.



**Remark:**

**Item 4.2.11.1 Dimension Assessment Report for Fire Door**

1. The application of the Dimension Assessment Report for Fire Door shall be applied by the owner of the original test report (which is the test sponsor).
2. The process shall be applied before the expired date (the renew date of report) mentioned in the original test report. Any application after the expired date will not be accepted.
3. Based on the information provided by the Client, the institute assesses whether the fire resistance the fire door fulfills the requirements of the Client after the dimension of the fire door has been changed for their further usage.
4. The new assessment report will be issued within 30 working days after the submittal of all necessary documentation and payment of the assessment report from the Client, the documentation includes the following: (but not limited to)
  - The drawing of the fire door which is to be assessed,
  - The schedule of components of the fire door which is to be assessed.
5. The Client name of the assessment report must be the same as the test sponsor name of the test report.
6. The assessment report is valid for 3 years, and when the original test report becomes invalid, the corresponding assessment report will also become invalid (the validity period is subject to the earlier expiration date).
7. The institute will start the assessment process once the Client signed the service request form and settled the payment.
8. The usage of the renewal report solely depends on the test sponsor.
9. Any modification of the design, components or material used from the original test report will invalidate the assessment report automatically.
10. Only one assessment report will be issued to the Client, and the name of the Client on the service request form MUST be the same as the test sponsor stated on the test report. Extra service fee will be charged for additional report copy (TRUE COPY) and only available to the Client under application. The Institute will keep extra report for internal record. Finally, the Institute have the final reporting rights.
11. If the Client fails to provide sufficient information mentioned above, the Institute have the right to ask for sufficient information before proceeding the assessment process.
12. Due to the public interest, such type of reports must be reviewed and backed up by Corpo do Bombeiros as approval (in Macau). Therefore, all reports of Fire Resistance types issued by IDQ will be in triplicate, one for the Client, one for IDQ and one for Corpo do Bombeiros.



**Remark:**

**Item 4.2.11.2 Dimension and Ironmongery Assessment Report for Fire Door**

1. The application of the Dimension and Ironmongery Assessment Report for Fire Door shall be applied by the owner of the original test report (which is the test sponsor).
2. The process shall be applied before the expired date (the renew date of report) mentioned in the original test report. Any application after the expired date will not be accepted.
3. Based on the information provided by the Client, the institute assesses whether the fire resistance the fire door fulfills the requirements of the Client after the dimension of the fire door has been changed for their further usage.
4. The new assessment report will be issued within 30 working days after the submittal of all necessary documentation and payment of the assessment report from the Client, the documentation includes the following: (but not limited to)
  - The drawing of the fire door which is to be assessed,
  - The schedule of components of the fire door which is to be assessed,
  - The comparison list of the replace components/ ironmongery,
  - The catalog and information of the original components/ ironmongery and the components/ ironmongery to be assessed issued by the factory/ supplier,
  - The fire test report/ certificate of the components/ ironmongery which is to be assessed.
5. The Client name of the assessment report must be the same as the test sponsor name of the test report.
6. The assessment report is valid for 3 years, and when the original test report becomes invalid, the corresponding assessment report will also become invalid (the validity period is subject to the earlier expiration date).
7. The institute will start the assessment process once the Client signed the service request form and settled the payment.
8. The usage of the renewal report solely depends on the test sponsor.
9. Any modification of the design, components or material used from the original test report will invalid the assessment report automatically.
10. Only one assessment report will be issued to the Client, and the name of the Client on the service request form MUST be the same as the test sponsor stated on the test report. Extra service fee will be charged for additional report copy (TRUE COPY) and only available to the Client under application. The Institute will keep extra report for internal record. Finally, the Institute have the final reporting rights.



11. If the Client fails to provide sufficient information mentioned above, the Institute have the right to ask for sufficient information before proceeding the assessment process.
12. Due to the public interest, such type of reports must be reviewed and backed up by Corpo do Bombeiros as approval (in Macau). Therefore, all reports of Fire Resistance types issued by IDQ will be in triplicate, one for the Client, one for IDQ and one for Corpo do Bombeiros.



**Remark:**

**Item 4.2.12 Fire Resistance Test for Smoke Control Damper**

1. Referring to the related information provided by the Client, in order to meet the international standards, the fire resistance test of the Smoke Control Damper (different installation type ) will be conducted in accordance to Standards BS EN 1363-1: 2020 and BS EN 1366-10: 2022 + A1: 2024. In addition, the testing conditions and corresponding equipment will be implemented in accordance to Standards BS EN 1363-1: 2020 and BS EN 1366-10: 2022 + A1: 2024.
2. During the test, the temperature inside the furnace will be increased according to the “Standard temperature/time curve” as mentioned in Standard BS EN 1363-1: 2020. Unless specified by the Client, the fire resistance test only measures and records the Integrity and Insulation of the specimen.
3. According with the Standards BS EN 13501-4: 2016. The Smoke Control Damper specimen will be classified (EI).
4. For the test, the institute only reports the integrity and/ or insulation time of the specimen in accordance with the test standard. The institute also reports the failure of integrity and/ or insulation, and according the integrity and insulation time to the classification if applicable. If the Client needs the institute to report the statement of conformity of the test result, the institute shall only provide the conformity decision based on the test standard and the test result, or the Client shall provide the standard and/ or technical specification of the statement of conformity to the institute. The institute does not formulate the decision rule .
5. Depending on different installation type, the number of the fire resistance test must be carried out :
  - Duct Mounted -1 fire resistance test must be tested (including 2 large size smoke control damper and duct) and 1.leakage test of small size smoke control damper
  - Compartment Boundary Mounted -3 fire resistance test must be tested (including 3 large size smoke control damper and 1 duct) and 1.leakage test of small size smoke control damper



**Remark:**

**Item 4.3 Hydraulic pressure leakage test for fire service pipe (Witness)**

1. According to the information provided by the Client, Witness service is required for the Hydraulic water pressure leakage test of fire service pipe, the pressure for the test will be 11bar (which is about 1.5 times the working pressure) or designed by the Client, the duration for the test will be 2 hours. During the test, pressure drop is not allowed.
2. The Client should apply for the test through telephone or fax to the institute 7 days in advance.
3. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
4. The Client should communicate with the coordinator on site and arrange the entry and exit for our staff before the test, in order to smooth the process for the test.
5. Client is required to submit all necessary information related to the test according to institute's requirement.
6. Client is required to install the pressure meter and increase the pressure inside the pipe in advance by themselves, according to institute's requirement.
7. Client is required to provide safety access and working platform to the institute's staff, in order to provide witness service for the test.
8. If the condition provided by the Client is not ready for the test, attendance fee will also be charged if the technician already arrived onsite according to Client's requirement.
9. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute have the right to cancel the test unilaterally.
10. In General, test report will be issued based on the testing result, with the corresponding figure and picture to describe the situation, and the test report will be issued within 15 working days after completion of all the test.
11. The result of the test only represents the condition during the test.
12. Corresponding testing report will be issued based on the testing result.
13. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
14. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test.
15. If the test result fails to comply with the testing standard/criteria, extra fee should be charged for additional test/re-test.



16. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
17. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.



**Remark:**

**Item 4.4 Flow Rate and hydraulic pressure test for fire hydrant and sprinkler system**

1. The Client should apply for the test through telephone or fax to the institute 7 days in advance.
2. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
3. The Client should arrange the entry and exit for our staff before the test, in order to conduct the flow rate measurement and hydraulic pressure test.
4. Client is required to submit all necessary information related to the test according to institute's requirement.
5. Client is required to provide safety access and working platform to the institute's staff, in order to provide witness service for the test.
6. If the condition provided by the Client is not ready for the test, attendance fee will also be charged if the technician already arrived onsite according to Client's requirement.
7. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client do not cooperate with the institute for the testing issue, the institute have the right to cancel the test unilaterally.
8. In General, test report will be issued based on the testing result, with the corresponding figure and picture to describe the situation, and the test report will be issued within 15 working days after completion of all the test.
9. The result of the test only represent the condition during the test.
10. The institute will only provide the test result to Client for their reference, without providing any analysis and comparison.
11. The institute will issue the invoice before issuing the test report. The Client should settle the payment within 30 days after receiving the invoice before getting the formal report.
12. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test.
13. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
14. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as



compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.



**Remark:**

**Item 5.1 Indoor Air quality Measurement**

1. Air Quality monitoring will be conducted according to Client's recommended location. The Institute will communicate with the Client and propose the testing schedule.
2. Regarding Item 5.1.1、5.1.2、5.1.4、5.1.8、5.1.9、5.1.10 and 5.1.12, the measurement will be monitored reference to "HK Guidance Notes for the Management of IAQ in Offices and Public Places", Airborne Bacteria will be monitored in four (4) time slot evenly distributed over the office hours, TVOC is sampled at 1-hour and the rest of the parameters will be monitored for eight (8) hours. The measurement result will be compared with the "Good Class" of the indoor air quality index for Office and Public Place as mentioned in the "HK Guidance Notes for the Management of IAQ in Offices and Public Places".
3. Regarding Item 5.1.3、5.1.5 and 5.1.11, the measurement will be monitored reference to "Macau IAQ guidelines for public places". Among them, the measurement of Nitrogen Dioxide (NO<sub>2</sub>), Formaldehyde (HCHO), Airborne Bacteria, Fungi will be monitored in four (4) time slot evenly distributed over the office hours, TVOC is sampled at 1-hour and the rest of the parameters will be monitored for eight (8) hours. The measurement result will be compared with the recommended value as mentioned in the "Macau IAQ guidelines for public places".
4. Regarding Item 5.1.6:
  - (a) The measurement will be monitoring reference to GB 50325-2010"Code for indoor environmental pollution control of civil building engineering", the measurement parameters and analysis method will be as follow:

Parameters	Analytical method
1). Radon (Bq/m <sup>3</sup> )	HJ/T 167 Radon Monitor
2). Formaldehyde (mg/m <sup>3</sup> )	GB/T 18204.2-7.2 Spectrophotometry
3). Benzene (mg/m <sup>3</sup> )	GB 50325-2010 Appendix F
4). Ammonia (mg/m <sup>3</sup> )	GB/T 18204.2-8.1 Spectrophotometry
5). TVOC (mg/m <sup>3</sup> )	GB 50325-2010 Appendix G

- (b) The sampling interval of each parameter are as follow:

Parameters	Sampling Interval
1). Radon (Bq/m <sup>3</sup> )	1 Hour
2). Formaldehyde (mg/m <sup>3</sup> )	20 minutes
3). Benzene (mg/m <sup>3</sup> )	20 minutes
4). Ammonia (mg/m <sup>3</sup> )	10 minutes



5). TVOC (mg/m <sup>3</sup> )	20 minutes
Remarks: The total sampling time for each location will be around 1.5 hours.	

- (c) During the measurement, it is necessary to conduct the outdoor sampling in the upstream, and the result will be used as a reference for the calculation of indoor pollutants concentration. The number of outdoor sampling point will mainly depend on the number of indoor sampling points and the total number of sampling days. Please communicate with the institute to confirm the number of outdoor sampling points.
- (d) The measurement result will be compared with the limit as mentioned in Table 6.0.4 “Class I civil building engineering” and “Class II civil building engineering” of GB 50325-2010.
- (e) According to the requirement of GB 50325-2010 “Code for indoor environmental pollution control of civil building engineering”, for those building using natural ventilation, the measurement of Formaldehyde, Benzene, Ammonia and TVOC should be conducted 1 hour after closing all the windows of the building, and the measurement of Radon should be conducted after twenty-four (24) hours. For those buildings using HVAC system, the measurement should be conducted under normal HVAC operating conditions.

5. Regarding Item 5.1.7:

- (a) The measurement will be monitoring reference to GB 50325-2020 “Code for indoor environmental pollution control of civil building engineering”, the measurement parameters and analysis method will be as follow:

Parameters	Analytical method
1). Radon (Bq/m <sup>3</sup> )	HJ/T 167 Radon Monitor
2). Formaldehyde (mg/m <sup>3</sup> )	GB/T 18204.2-7.1 AHMT Spectrophotometry
3). Ammonia (mg/m <sup>3</sup> )	GB/T 18204.2-8.1 Spectrophotometry
4). Benzene (mg/m <sup>3</sup> )	GB 50325-2020 Appendix D
5). Toluene (mg/m <sup>3</sup> )	GB 50325-2020 Appendix D
6). Xylene (mg/m <sup>3</sup> )	GB 50325-2020 Appendix D
7). TVOC (mg/m <sup>3</sup> )	GB 50325-2020 Appendix E

- (b) The sampling interval of each parameter are as follow:

Parameters	Sampling Interval
1). Radon (Bq/m <sup>3</sup> )	1 Hour
2). Formaldehyde (mg/m <sup>3</sup> )	20 minutes
3). Ammonia (mg/m <sup>3</sup> )	10 minutes



4). Benzene (mg/m <sup>3</sup> )	20 minutes
5). Toluene (mg/m <sup>3</sup> )	20 minutes
6). Xylene (mg/m <sup>3</sup> )	20 minutes
7). TVOC (mg/m <sup>3</sup> )	20 minutes
Remarks: The total sampling time for each location will be around 1.5 hours.	

- (c) During the measurement, it is necessary to conduct the outdoor sampling in the upstream, and the result will be used as a reference for the calculation of indoor pollutants concentration. The number of outdoor sampling point will mainly depend on the number of indoor sampling points and the total number of sampling days. Please communicate with the institute to confirm the number of outdoor sampling points.
- (d) The measurement result will be compared with the limit as mentioned in Table 6.0.4 “Class I civil building engineering” and “Class II civil building engineering” of GB 50325-2020.
- (e) According to the requirement of GB 50325-2020 “Code for indoor environmental pollution control of civil building engineering”, for those building using natural ventilation, the measurement of Formaldehyde, Ammonia, Benzene, Toluene, Xylene and TVOC should be conducted 1 hour after closing all the windows of the building, and the measurement of Radon should be conducted after twenty-four (24) hours. For those buildings using HVAC system, the measurement should be conducted under normal HVAC operating conditions.
6. If the parameters or analytical method is different from the terms mentioned above, please do not hesitate to contact with our engineer for quotation.
7. The Client should communicate with the coordinator on site and arrange the entry and exit for our staff.
8. Our staff will confirm the sampling location with Client on site, during the measurement, the Client should make sure that the monitoring equipment will not be moved or disturbed.
9. During the test, the Client should provide sufficient space for the setup of monitoring equipment, and ensure the safety of all institute’s equipment and away from any disturbance.
10. During the test, the HVAC system onsite should be operated under normal conditions.
11. The Client should make sure that the HVAC system is operated under normal condition during the measurement.
12. The Client should provide a stable electrical supply for the equipment. (13A socket).
13. For the measurement of decoration project, the Client should avoid any unnecessary entry of the monitoring area. Moreover, in order to avoid any disturbance to the measurement result,



the Client should make sure that there isn't any construction/job in progress near the sampling location, otherwise, the Client should take their own responsibility for any affected measurement result.

14. Small amount of noise will be generated due to the pump inside the air monitor for air sampling.
15. In general, maximum two (2) sampling points will be monitored per day. However, more sampling points can be achieved based on availability of the monitors and can be further discuss.
16. The measurement report will be issued within 15 working days after completion of all the monitoring.
17. If the Client requests the extra report, the institute will charge the service fee of extra report according to item 5.11.
18. The result of the measurement only represents the condition during the monitoring.
19. The expedited processing in Item 5.1.15 must be specially arranged and agreed by IDQ before the submission of the service request form, and only available for certain items.
20. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
21. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test.
22. If the Client requests cancellation of the relevant service after settlement of the testing fee, the test fee paid will not be refunded
23. The Client will be responsible for any tax, insurance against all risks of damage to Client's and third parties' property.
24. When severe weather conditions (such as thunderstorm warnings, typhoon signal etc.) occur, IDQ may re-coordinate the sampling date with the Client, and the date of issuing report will also be postponed without holding any responsibility.
25. In any loss, omission from or any indemnity arising out of them, which is not caused by the professional negligence or misconduct of our staff, IDQ shall not hold any responsibility.
26. In any loss, fault in service provision, postponement or any indemnity arising out of them, which is directly or indirectly caused by the Client's failure to partially/ totally comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
27. The Client will give written notice of all known safety or health hazards and special procedures applicable to the samples, or the on-site working environment for the measurement. IDQ may in its absolute discretion, refuse to provide services where it determines the provision of such services may pose a health or safety peril.



28. After the confirmation of measurement with the Client, the Client should inform the institute by email or letter 1 working day in advance for any cancellation of measurement. If the Client fails to do so or unable to provide the site for measurement while IDQ staffs have already arrived onsite, the admission fee will be charged per time.(According item 5.10 to be charged.)
29. IDQ will confirm the test method with the Client, the analysis basis please refer to the analysis request form.



**Remark:**

**Item 5.2 Water Quality monitoring Service**

1. In Item 5.2.18, Client should assign the sampling session during the specified time Period I/ II. The duration of water sampling is counting from entry and leave from the site. However, if the sampling duration exceeds the specified time period, extra sampling fee will be charged.
2. In Item 5.2.19, Client should assign the sampling session during the specified time Period III / IV / V / VI / VII. The duration of water sampling is counting from entry and leave from the site. However, if the sampling duration exceeds the specified time period, extra sampling fee will be charged.
3. Minimum charge per report in Item 5.2.20 is the additional surcharge, and it applies when the total testing fee per report is less than this minimum charge.
4. The expedited processing in Item 5.2.21 must be specially arranged and agreed by IDQ before the submission of the service request form, and only available for certain items.
5. The Institute will stop receiving water samples from clients 45 minutes before the end of working hours on weekdays (if applicable).
6. After the submission of the service request form, the Institute will communicate with the Client and propose the testing/ sampling schedule. Upon confirmation of the service request form, 5 working days' advance notice acknowledging the actual service provision date will be needed. The Institute has the final decision on the date of testing/ sampling.
7. After the confirmation of water sampling with the Client, the Client should inform the institute by email or letter one working day in advance of any cancellation of sampling. If the Client fails to do so or cannot cooperate with the sampling work, the sampling fee will be charged per time.(According item 5.2.22/5.2.23 to be charged.)
8. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; IDQ will charge the admission fee per time (According item 5.2.22/5.2.23 to be charged.)
9. The institute will only provide the water analysis result to Client for their reference, without providing any analysis and comparison.
10. In General, the water analysis report will be issued within 10 working days after completion of all the test.
11. The default language of report is Chinese. The Client should give written notice to IDQ of requesting English as report language when signing the service request form, otherwise additional charge may be applied.
12. The Client must provide samples that meet the requirements of the analytical method (if applicable).



13. The analysis result(s) of the water sample(s) only related only to the item(s) tested.
14. The Client should obtain the permission of entry to the location where the measurement /sampling work has to be performed for any individuals assigned by IDQ.
15. If the test result does not meet the requirements of the relevant indicators, the relevant test work needs to be re-executed, and the fee will be charged separately according to the relevant unit price.
16. If the Client requests to cancel the service after paying the service fee, the payment will not be refunded.
17. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
18. The Client will be responsible for any tax, insurance against all risks of damage to Client's and third parties' property.
19. When severe weather conditions (such as thunderstorm warnings, typhoon signal etc.) occur, IDQ may re-coordinate the sampling date with the Client, and the date of issuing report will also be postponed without holding any responsibility.
20. In any loss, omission from or any indemnity arising out of them, which is not caused by the professional negligence or misconduct of our staff, IDQ shall not hold any responsibility.
21. In any loss, fault in service provision, postponement or any indemnity arising out of them, which is directly or indirectly caused by the Client's failure to partially/ totally comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
22. The Client will give written notice of all known safety or health hazards and special procedures applicable to the samples, or the on-site working environment for the measurement. IDQ may in its absolute discretion, refuse to provide services where it determines the provision of such services may pose a health or safety peril.
23. IDQ will confirm the test method with the Client, the analysis basis please refer to the analysis request form.



**Remark:**

**Item 5.3.1 Noise Measurement (24 hours)**

1. The noise measurement will be conducted reference to the technical requirement as stated in the appendix "Acoustics regulation" of Chief Executive's Dispatch No. 96/2020.
2. The expedited processing in Item 5.3.5 must be specially arranged and agreed by IDQ before the submission of the service request form, and only available for certain items.
3. The noise measurement will be conducted according to the location assigned by the Client. A continuous 24 hours noise measurement will be conducted for each sampling point, and the measurement parameters should be 24 hour LAeq. Application for the other measurement parameters and the hard copy request should be submitted by the Client before submitting the service request form.
4. The measurement should be conducted during the Office Hours of the institute. If the measurement have to be conducted out of the Office Hours, extra fee will be charged according to Item 5.5 to 5.8.
5. The Chinese test report should be provided to the Client after the whole noise test. In addition, the Client would apply other noise test reports with the hard copy request and other noise test reports should cost an extra fee.
6. If there is further requirement from the Client, please do not hesitate to contact with our engineer before submission of the service request form.
7. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule. The Client should apply for the test through telephone or fax to the institute 5 days in advance.
8. After the confirmation of noise measurement with the Client, the Client should inform the institute by email or letter 1 working day in advance for any cancellation of measurement. If the Client fails to do so or unable to provide the site for measurement while IDQ staffs have already arrived onsite, the admission fee will be charged per time.(According item 5.10 to be charged.)
9. The Client should arrange the entry and exit of our staff for the noise measurement and provide stable electrical supply for the equipment.
10. Client is required to submit all necessary information related to the noise measurement according to institute's requirement.
11. The institute will only provide the noise measurement result to Client for their reference, without providing any analysis and comparison.



12. In General, the noise measurement report will be issued within 10 working days after completion of all the test.
13. The measurement result only represent the condition during the monitoring.
14. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
15. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and the test fee should be submitted.
16. If the Client requests cancellation of the relevant service after settlement of the testing fee, the test fee paid will not be refunded.
17. The Client will be responsible for any tax, insurance against all risks of damage to Client's and third parties' property.
18. When severe weather conditions (such as thunderstorm warnings, typhoon signal etc.) occur, IDQ may re-coordinate the sampling date with the Client, and the date of issuing report will also be postponed without holding any responsibility.
19. In any loss, omission from or any indemnity arising out of them, which is not caused by the professional negligence or misconduct of our staff, IDQ shall not hold any responsibility.
20. In any loss, fault in service provision, postponement or any indemnity arising out of them, which is directly or indirectly caused by the Client's failure to partially/ totally comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
21. IDQ will confirm the test method with the Client, the anylsis basis please refer to the anylsis request form.



**Remark:**

**Item 5.3.2 Noise Measurement (12 hours)**

1. The noise measurement will be conducted reference to the technical requirement as stated in the appendix "Acoustics regulation" of Chief Executive's Dispatch No. 96/2020.
2. The expedited processing in Item 5.3.5 must be specially arranged and agreed by IDQ before the submission of the service request form, and only available for certain items.
3. The noise measurement will be conducted according to the location assigned by the Client. A continuous 12 hours noise measurement will be conducted for each sampling point, and the measurement parameters should be 12 hour LAeq. Application for the other measurement parameters and the hard copy request should be submitted by the Client before submitting the service request form.
4. The measurement should be conducted during the Office Hours of the institute. If the measurement have to be conducted out of the Office Hours, extra fee will be charged according to Item 5.5 to 5.8.
5. The Chinese test report should be provided to the Client after the whole noise test. In addition, the Client would apply other noise test reports with the hard copy request and other noise test reports should cost an extra fee.
6. If there is further requirement from the Client, please do not hesitate to contact with our engineer before submission of the service request form.
7. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule. The Client should apply for the test through telephone or fax to the institute 5 days in advance.
8. After the confirmation of noise measurement with the Client, the Client should inform the institute by email or letter 1 working day in advance for any cancellation of measurement. If the Client fails to do so or unable to provide the site for measurement while IDQ staffs have already arrived onsite, the admission fee will be charged per time.(According item 5.10 to be charged.)
9. The Client should arrange the entry and exit of our staff for the noise measurement and provide stable electrical supply for the equipment.
10. Client is required to submit all necessary information related to the noise measurement according to institute's requirement.
11. The institute will only provide the noise measurement result to Client for their reference, without providing any analysis and comparison.



12. In General, the noise measurement report will be issued within 10 working days after completion of all the test.
13. The measurement result only represent the condition during the monitoring.
14. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
15. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and the test fee should be submitted.
16. If the Client requests cancellation of the relevant service after settlement of the testing fee, the test fee paid will not be refunded.
17. The Client will be responsible for any tax, insurance against all risks of damage to Client's and third parties' property.
18. When severe weather conditions (such as thunderstorm warnings, typhoon signal etc.) occur, IDQ may re-coordinate the sampling date with the Client, and the date of issuing report will also be postponed without holding any responsibility.
19. In any loss, omission from or any indemnity arising out of them, which is not caused by the professional negligence or misconduct of our staff, IDQ shall not hold any responsibility.
20. In any loss, fault in service provision, postponement or any indemnity arising out of them, which is directly or indirectly caused by the Client's failure to partially/ totally comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
21. IDQ will confirm the test method with the Client, the anylsis basis please refer to the anylsis request form.



**Remark:**

**Item 5.3.3 Noise Measurement (30 minutes)**

1. The noise measurement will be conducted reference to the technical requirement as stated in the appendix "Acoustics regulation" of the Chief Executive's Dispatch No. 96/2020.
2. The expedited processing in Item 5.3.5 must be specially arranged and agreed by IDQ before the submission of the service request form, and only available for certain items.
3. The noise measurement will be conducted according to the location assigned by the Client. For each sampling point, 1 background noise measurement and 1 noise measurement under operation will be conducted respectively, and each measurement will take 30 minutes. Application for the other measurement parameters and the hard copy request should be submitted by the Client before submitting the service request form.
4. The Chinese test report should be provided to the Client after the whole noise test. In addition, the Client would apply other noise test reports with the hard copy request and other noise test reports should cost an extra fee.
5. If there is further requirement from the Client, please do not hesitate to contact with our engineer before submission of the service request form.
6. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule. The Client should apply for the noise measurement through telephone or fax to the institute 5 days in advance.
7. After the confirmation of noise measurement with the Client, the Client should inform the institute by email or letter 1 working day in advance for any cancellation of measurement. If the Client fails to do so or unable to provide the site for measurement while IDQ staffs have already arrived onsite, the admission fee will be charged per time.(According item 5.10 to be charged.)
8. The institute will only provide the noise measurement result to Client for their reference, without providing any analysis and comparison.
9. The Client should arrange the entry and exit of our staff for the noise measurement and provide stable electrical supply for the equipment.
10. Client is required to submit all necessary information related to the noise measurement according to institute's requirement.
11. In General, the noise measurement report will be issued within 10 working days after completion of all the test.
12. The measurement result only represent the condition during the monitoring.



13. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
14. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and the test fee should be submitted.
15. If the Client requests cancellation of the relevant service after settlement of the testing fee, the test fee paid will not be refunded.
16. The Client will be responsible for any tax, insurance against all risks of damage to Client's and third parties' property.
17. When severe weather conditions (such as thunderstorm warnings, typhoon signal etc.) occur, IDQ may re-coordinate the sampling date with the Client, and the date of issuing report will also be postponed without holding any responsibility.
18. In any loss, omission from or any indemnity arising out of them, which is not caused by the professional negligence or misconduct of our staff, IDQ shall not hold any responsibility.
19. In any loss, fault in service provision, postponement or any indemnity arising out of them, which is directly or indirectly caused by the Client's failure to partially/ totally comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
20. IDQ will confirm the test method with the Client, the analysis basis please refer to the analysis request form.



**Remark:**

**Item 5.3.4 Sound Insulation/Impact Sound Measurement**

1. The measurement will be conducted reference to the technical requirement as stated in the Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings, ASTM E336 or the Standard Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Support Structures, ASTM E1007.
2. The expedited processing in Item 5.3.5 must be specially arranged and agreed by IDQ before the submission of the service request form, and only available for certain items.
3. According to the customer's requirements, the related elements would be tested.
4. The related elements would be fixed on the sites (source room and receiving room) for the measurement.
5. A loudspeaker will be set in the source room as a sound source. Sound pressure levels will be recorded one by one inside the source room and receiving room.
6. A Chinese test report, including test process and result, would be provided to the Client after testing. In addition, the Client would apply other noise test reports with the hard copy request and other noise test reports should cost an extra fee.
7. If there is further requirement from the Client, please do not hesitate to contact with our engineer before submission of the service request form.
8. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule. The Client should apply for the noise measurement through telephone or fax to the institute 5 days in advance.
9. After the confirmation of measurement with the Client, the Client should inform the institute by email or letter 1 working day in advance for any cancellation of measurement. If the Client fails to do so or unable to provide the site for measurement while IDQ staffs have already arrived onsite, the admission fee will be charged per time.(According item 5.10 to be charged.)
10. The institute will only provide the noise measurement result to Client for their reference, without providing any analysis and comparison.
11. The Client should arrange the entry and exit of our staff for the measurement and provide stable electrical supply for the equipment.
12. The Client is required to submit all necessary information related to the noise measurement according to institute's requirement.
13. In General, the test report will be issued within 10 working days after completion of all the test.



14. The measurement result only represent the condition during the measurement.
15. The institute is responsible for the testing elements under the standard conditions. If some parts of the relative element are modified after the measurement, the test report will be invalid.
16. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
17. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test and the test fee should be submitted.
18. The Client will be responsible for any tax, insurance against all risks of damage to Client's and third parties' property.
19. When severe weather conditions (such as thunderstorm warnings, typhoon signal etc.) occur, IDQ may re-coordinate the sampling date with the Client, and the date of issuing report will also be postponed without holding any responsibility.
20. If the Client requests cancellation of the relevant service after settlement of the testing fee, the test fee paid will not be refunded.
21. In any loss, omission from or any indemnity arising out of them, which is not caused by the professional negligence or misconduct of our staff, IDQ shall not hold any responsibility.
22. In any loss, fault in service provision, postponement or any indemnity arising out of them, which is directly or indirectly caused by the Client's failure to partially/ totally comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
23. IDQ will confirm the test method with the Client, the anylsis basis please refer to the anylsis request form.



**Remark:**

**Item 5.4 Environmental Air Monitoring**

1. Environmental air will be monitored according to Client's information.
2. The Institute will communicate with the Client and propose the testing schedule, and the sampling location will be confirmed onsite with the Client.
3. In order to smooth the sampling process, Client should provide stable electrical supply for the equipment onsite.
4. During the test, the Client should provide sufficient space for the setup of monitoring equipment, and ensure the safety of all institute's equipment and away from any disturbance.
5. The Client should arrange the entry and exit of our staff for the measurement.
6. In General, the noise measurement report will be issued within 10 working days after completion of all the test.
7. The institute will only provide the measurement result to Client for their reference, without providing any analysis and comparison.
8. The measurement result only represent the condition during the monitoring.
9. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again for additional test/re-test.
10. If the Client requests cancellation of the relevant service after settlement of the testing fee, the test fee paid will not be refunded.
11. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
12. If the Client considers it necessary to insure for its assets or a third party, it shall be insured by self.
13. In any breakdown, damage, loss, harm or any indemnity arising out of them during the period of providing technical services, which is not caused by the service providing, IDQ shall not hold any responsibility.
14. The Client will be responsible for any tax, insurance against all risks of damage to Client's and third parties' property.
15. When severe weather conditions (such as thunderstorm warnings, typhoon signal etc.) occur, IDQ may re-coordinate the sampling date with the Client, and the date of issuing report will also be postponed without holding any responsibility.
16. In any loss, omission from or any indemnity arising out of them, which is not caused by the professional negligence or misconduct of our staff, IDQ shall not hold any responsibility.



17. In any loss, fault in service provision, postponement or any indemnity arising out of them, which is directly or indirectly caused by the Client's failure to partially/ totally comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
18. After the confirmation of measurement with the Client, the Client should inform the institute by email or letter 1 working day in advance for any cancellation of measurement. If the Client fails to do so or unable to provide the site for measurement while IDQ staffs have already arrived onsite, the admission fee will be charged per time.(According item 5.10 to be charged.)



**Remark:**

**Item 6.1.1 Insulation Resistance Test**

1. According to the information provided by the Client, Insulation Resistance Test is required and the measurement result will be recorded.
2. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
3. The Client should apply for the test through telephone or fax to the institute 3 working days in advance.
4. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
5. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test, and the result will be compared with the general requirement.
6. The measurement result only represent the condition during the measurement.
7. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
8. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.
9. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
10. The Client shall ensure the electrical device being tested is disconnected to other components of the system, and shop drawing of the electrical device shall also be provided for verification in advance.
11. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
12. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
13. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.1.2 Power-Frequency Withstand Voltage Test**

1. According to the information provided by the Client, Power-Frequency Withstand Voltage test is required and the measurement result will be recorded.
2. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
3. The Client should apply for the test through telephone or fax to the institute 3 working days in advance.
4. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
5. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test, and the result will be compared with the general requirement.
6. The measurement result only represent the condition during the measurement.
7. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
8. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.
9. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
10. Client shall assist in arranging the position to place the test instrument. The Client shall ensure the electrical device being tested is disconnected to other components of the system as well as to assist the relevant measurement work. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
11. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
12. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
13. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.1.3 Ground Resistance Test**

1. According to the information provided by the Client, Ground Resistance Test is required and the measurement result will be recorded.
2. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
3. The Client should apply for the test through telephone or fax to the institute 3 working days in advance.
4. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
5. In general, the institute will provide a test report based on the test results. The test report will list the ground resistance value of the test point and evaluate whether it meets the requirements of the technical specifications. The report will be within 15 working days after all tests are completed issue.
6. The measurement result only represents the condition during the measurement.
7. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
8. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.
9. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
10. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
11. If the Client requests to use the three-pole or four-pole method to measure the grounding Impedance, the relevant reference pole and its connection line shall be provided by the Client.
12. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.



13. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
14. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.1.4 RCD Disconnection Time Test**

1. According to the information provided by the Client, RCD Residual Operating Current and Disconnection Time Test is required and the measurement result will be recorded.
2. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
3. The Client should apply for the test through telephone or fax to the institute 3 working days in advance.
4. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
5. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test, and the result will be compared with the general requirement.
6. The measurement result only represent the condition during the measurement.
7. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
8. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.
9. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
10. Client shall provide shop drawing of the electrical device for verification in advance.
11. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
12. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
13. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.2.1 Infrared Thermography Inspection**

1. According to the Client's requirement, infrared thermography inspection will be conducted based on the quantity and inspection drawing provided by the Client. The total inspection day will be further discuss with the Client and mainly depends on the actual situation onsite.
2. The Client should apply for the inspection through telephone or fax to the institute 7 days in advance.
3. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
4. One engineer on behalf of the institute will be assigned for the infrared thermography inspection according to the onsite condition.
5. Onsite walk through survey should be arranged before the inspection, and communicate with the Client and propose the testing schedule.
6. The Client should arrange the pass for the entry and exit of our staff before the inspection, in order to smooth the whole process.
7. Client is required to provide safety access and working platform to our engineer, in order to provide the inspection service.
8. If the Client fails to provide the site for the inspection, the admission fee will also be charged if our staff already arrived onsite.
9. In General, test report will be issued based on the testing result, with the corresponding figure and picture to describe the situation, and the test report will be issued within 15 working days after completion of all the test.
10. The measurement result only represent the condition during the inspection.
11. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
12. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
13. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client do not cooperate with the institute for the testing issue, the institute have the right to cancel the test unilaterally.
14. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
15. IDQ will confirm the test method with the Client, the anylsis basis please refer to the anylsis request form.



**Remark:**

**Item 6.2.2 Illuminance/ luminance Measurement**

1. According to the information provided by the Client, illuminance/ luminance measurement is required and the measurement result will be recorded.
2. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
3. The Client should apply for the measurement through telephone or fax to the institute 7 days in advance.
4. If the Client fails to provide the site for the measurement, the admission fee will also be charged if our staff already arrived onsite.
5. If the onsite condition is not suitable for the lux measurement or affect the test result, such as adverse weather, external light source or man-made influence, the institute have the right to terminate the test, and the service fee will be charged in proportion.
6. The Client should arrange the entry and exit of our staff for the measurement, and provide sufficient space for the setup of monitoring equipment. Moreover, shop drawing should be provided for verification.
7. For the outdoor measurement, it is necessary for the Client to apply the license for “closed the street” and “guidance by police”, or the control of outdoor lighting source, in order to ensure the safety during the measurement. Moreover, shop drawing should be provided for verification.
8. In General, test report showing the lux level will be issued based on the test result, and the test report will be issued within 14 days after completion of all the test.
9. The measurement result only represent the condition during the measurement.
10. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
11. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
12. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
13. IDQ will confirm the test method with the Client, the anylsis basis please refer to the anylsis request form.



**Remark:**

**Item 6.2.3 Low voltage power and harmonic Measurement**

1. According to the location of swithboard provided by the Client, power and harmonic measurement is required and the measurement result will be recorded. The recorded time is 40 minute.
2. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
3. The Client should apply for the measurement through telephone or fax to the institute 7 days in advance.
4. If the Client fails to provide the site for the measurement, the admission fee will also be charged if our staff already arrived onsite.
5. The Client should arrange the entry and exit of our staff for the measurement, and provide sufficient space and electric power for the setup of measurement equipment. Moreover, shop drawing should be provided for verification.
6. In General, test report showing the lux level will be issued based on the test result, and the test report will be issued within 14 days after completion of all the test.
7. The measurement result only represent the condition during the measurement.
8. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
9. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
10. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
11. IDQ will confirm the test method with the Client, the anylsis basis please refer to the anylsis request form.



**Remark:**

**Item 6.2.4 Electromagnetic Field Test**

1. According to Client's requirement, electromagnetic wave around the facility is required to be monitored, in order to check the surrounding electric and magnetic field. Since the related international standard (ICNIRP) does not specify the duration for the measurement, and local we are using 50Hz AC for the electrical supply system, therefore, the measurement will be referenced to the Taiwan standard (NIEA P202.91C) issued by the institute of environmental inspection of environmental Protection Agency, regarding the monitoring method for the ultralow frequency electrical and magnetic field in the environment.
2. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
3. The Client should apply for the measurement through telephone or fax to the institute 10 days in advance.
4. For the outdoor measurement, the Client should arrange the license for setting up the equipment in the outdoor environment and make sure the safety of the equipment and out of disturbance.
5. Onsite walk through survey should be arranged before the measurement, and communicate with the Client and propose the testing schedule.
6. The Client should provide sufficient space for the setup of monitoring equipment.
7. The Client should arrange the pass for the entry and exit of our staff for the measurement if necessary.
8. Client is required to provide safety access and working platform to our engineer, in order to provide the inspection service.
9. During the measurement, the facility should be operation under normal conditions.
10. Please be reminded that some of the space in the outdoor environment will be occupied by the equipment for continuous monitoring.
11. If the Client fails to provide the site for the measurement, the admission fee will also be charged if our staff already arrived onsite.
12. The measurement result recorded will be compared with the corresponding guidelines, and the test report will be issued.
13. In General, the test report will be issued within 15 working days after completion of all the test.
14. The test report will compare and analysis the measurement result with the international guideline (ICNIRP).
15. The measurement result only represent the condition during the measurement.



16. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
17. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute have the right to cancel the test unilaterally.
18. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
19. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
20. IDQ will confirm the test method with the Client, the anylsis basis please refer to the anylsis request form.



**Remark:**

**Item 6.3.1 Transmission Performance Testing of Balanced Twisted-Pair Telecommunications Cabling Links and Components**

1. According to the information provided by the Client, Transmission Performance Testing of Balanced Twisted-Pair Telecommunications Cabling Links and Components is required and the measurement result will be recorded.
2. According to the Client's requirement, transmission performance testing of balanced twisted-pair telecommunications cabling links and components will be conducted based on the quantity and related drawing provided by the Client. The total inspection day will be further discussed with the Client and mainly depends on the actual situation onsite.
3. Inspection/testing locations, standards and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.
4. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
5. The Client should apply for the test through telephone or fax to the institute 3 working days in advance and provide the technical data required for the test.
6. The Client should arrange the entry and exit of our staff for the measurement.
7. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
8. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test.
9. The measurement result only represents the condition during the measurement.
10. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
11. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.
12. Measurement includes Return loss, Insertion loss, NEXT, PS NEXT, ACR-F, PS ACR-F, d,c loop resistance, Propagation delay, Delay skew, Length.



13. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work, and should be familiar with and understand the system and carry out the established test items in accordance with the instructions of the institute's personnel. Client shall be responsible for the system operation except for the testing instruments provided by IDQ. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
14. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
15. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
16. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
17. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.3.2 Transmission Performance Testing of Optical Fiber Cabling Links and Components**

1. According to the information provided by the Client, Transmission Performance Testing of Optical Fiber Cabling Links and Components is required and the measurement result will be recorded.
2. According to the Client's requirements, transmission performance testing of optical fiber cabling links and components will be conducted based on the quantity and related drawing provided by the Client. The total inspection day will be further discussed with the Client and mainly depends on the actual situation onsite.
3. Inspection/testing locations, standards and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.
4. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
5. The Client should apply for the test through telephone or fax to the institute 3 working days in advance and provide the technical data required for the test.
6. The Client should arrange the entry and exit of our staff for the measurement.
7. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
8. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test.
9. The measurement result only represents the condition during the measurement.
10. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
11. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.
12. Measurement includes optical fiber cabling attenuation and length by OLTS exclusive of fiber-optic splitter.



13. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work, and should be familiar with and understand the system and carry out the established test items in accordance with the instructions of the institute's personnel. Client shall be responsible for the system operation except for the testing instruments provided by IDQ. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
14. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
15. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
16. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
17. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.3.3 Testing of Closed-Circuit Television (CCTV) System**

1. According to the information provided by the Client, testing of Closed-Circuit Television (CCTV) System is required and the measurement result will be recorded.
2. According to the Client's requirements, testing of Closed-circuit television (CCTV) System will be conducted based on the quantity and related drawing provided by the Client. The total inspection day will be further discussed with the Client and mainly depends on the actual situation onsite.
3. The test will be carried out mainly according to the test items in the GB 50339 "Code for acceptance of the quality of intelligent building systems" standards [functional tests including network cabling, camera device settings, display, video/audio recording, video playback and export, redundancy, fault alarm, time synchronization].
4. Inspection/testing locations, standards and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.
5. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
6. The Client should apply for the test through telephone or fax to the institute 3 working days in advance and provide the technical data required for the test.
7. The Client should arrange the entry and exit of our staff for the measurement.
8. Before the test, the Client should switch on and run the corresponding system in advance, in order to smooth the whole process.
9. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
10. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test.
11. The measurement result only represents the condition during the measurement.
12. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
13. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical



conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.

14. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work, and should be familiar with and understand the system and carry out the established test items in accordance with the instructions of the institute's personnel. Client shall be responsible for the system operation except for the testing instruments provided by IDQ. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
15. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
16. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
17. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
18. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.3.4 Testing of Access Control System**

1. According to the information provided by the Client, testing of Access Control System is required and the measurement result will be recorded.
2. According to the Client's requirements, testing of Access Control System will be conducted based on the quantity and related drawing provided by the Client. The total inspection day will be further discussed with the Client and mainly depends on the actual situation onsite.
3. The test will be carried out mainly according to the test items in the GB 50339 "Code for acceptance of quality of intelligent building systems" standards [functional tests including network cabling, electric lock, door sensor, card reader, door release button, break glass, controller/server, access authorization settings, data recording, digital floor plan, alarm, time synchronization].
4. Inspection/testing locations, standards and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.
5. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
6. The Client should apply for the test through telephone or fax to the institute 3 working days in advance and provide the technical data required for the test.
7. The Client should arrange the entry and exit of our staff for the measurement.
8. Before the test, the Client should switch on and run the corresponding system in advance, in order to smooth the whole process.
9. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
10. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test.
11. The measurement result only represents the condition during the measurement.
12. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
13. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical



conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.

14. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work, and should be familiar with and understand the system and carry out the established test items in accordance with the instructions of the institute's personnel. Client shall be responsible for the system operation except for the testing instruments provided by IDQ. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
15. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
16. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
17. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
18. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.3.5 Testing of Television System**

1. According to the information provided by the Client, testing of Television System is required and the measurement result will be recorded.
2. According to the Client's requirements, testing of Television System will be conducted based on the quantity and related drawing provided by the Client. The total inspection day will be further discussed with the Client and mainly depends on the actual situation onsite.
3. The test will be carried out mainly according to the test items in the GB 50339 "Code for acceptance of the quality of intelligent building systems" standards [functional tests including the signal level of TV antenna outlets, subjective evaluation of image and sound quality of connected TV].
4. Inspection/testing locations, standards and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.
5. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
6. The Client should apply for the test through telephone or fax to the institute 3 working days in advance and provide the technical data required for the test.
7. The Client should arrange the entry and exit of our staff for the measurement.
8. Before the test, the Client should switch on and run the corresponding system in advance, in order to smooth the whole process.
9. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
10. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test.
11. The measurement result only represents the condition during the measurement.
12. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
13. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical



conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.

14. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work, and should be familiar with and understand the system and carry out the established test items in accordance with the instructions of the institute's personnel. Client shall be responsible for the system operation except for the testing instruments provided by IDQ. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
15. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
16. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
17. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
18. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.3.6 Testing of Car Park Entrance Control System**

1. According to the information provided by the Client, testing of Car Park Entrance Control System is required and the measurement result will be recorded.
2. According to the Client's requirements, testing of Car Park Entrance Control System will be conducted based on the quantity and related drawing provided by the Client. The total inspection day will be further discuss with the Client and mainly depends on the actual situation onsite.
3. The test will be carried out mainly according to the test items in the GB 50339 "Code for acceptance of the quality of intelligent building systems" standards [functional tests including entrance and exit ticket machines and gates, parking vacancy display, charging/access authorization settings, data record, license plate recognition, and real-time status, alarm and time synchronization].
4. Inspection/testing locations, standards and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.
5. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
6. The Client should apply for the test through telephone or fax to the institute 3 working days in advance and provide the technical data required for the test.
7. The Client should arrange the entry and exit of our staff for the measurement.
8. Before the test, the Client should switch on and run the corresponding system in advance, in order to smooth the whole process.
9. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
10. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test.
11. The measurement result only represent the condition during the measurement.
12. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
13. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity



assessment of the test results obtained by the institute in accordance with the technical conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.

14. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work, and should be familiar with and understand the system and carry out the established test items in accordance with the instructions of the institute's personnel. Client shall be responsible for the system operation except for the testing instruments provided by IDQ. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
15. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
16. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
17. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
18. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.3.7 Testing of Car Park Guidance System**

1. According to the information provided by the Client, testing of Car Park Guidance System is required and the measurement result will be recorded.
2. According to the Client's requirements, testing of Car Park Guidance System will be conducted based on the quantity and related drawing provided by the Client. The total inspection day will be further discuss with the Client and mainly depends on the actual situation onsite.
3. The test will be carried out mainly according to the test items in the GB 50339 "Code for acceptance of the quality of intelligent building systems" standards [functional tests including parking spot vehicle detector, same-floor guidance display, monitoring software, time synchronization].
4. Inspection/testing locations, standards and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.
5. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
6. The Client should apply for the test through telephone or fax to the institute 3 working days in advance and provide the technical data required for the test.
7. The Client should arrange the entry and exit of our staff for the measurement.
8. Before the test, the Client should switch on and run the corresponding system in advance, in order to smooth the whole process.
9. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
10. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test.
11. The measurement result only represent the condition during the measurement.
12. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
13. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical



conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.

14. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work, and should be familiar with and understand the system and carry out the established test items in accordance with the instructions of the institute's personnel. Client shall be responsible for the system operation except for the testing instruments provided by IDQ. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
15. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
16. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
17. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
18. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 6.3.8 Testing of Intelligence Monitoring and Control Management System of Building, Facility and Environment**

1. According to the information provided by the Client, Testing of Intelligence Monitoring and Control Management System of Building, Facility and Environment is required and the measurement result will be recorded.
2. According to the Client's requirements, Testing of Intelligence Monitoring and Control Management System of Building, Facility and Environment will be conducted based on the quantity and related drawing provided by the Client. The total inspection day will be further discussed with the Client and mainly depends on the actual situation onsite.
3. The test will be carried out mainly according to the test items in the GB 50339 "Code for acceptance of the quality of intelligent building systems" standards [including testing of I/O signal point, functional testing of control logic, data record, alarm and time synchronization of monitoring and controls system platform].
4. Inspection/testing locations, standards and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.
5. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
6. The Client should apply for the test through telephone or fax to the institute 3 working days in advance and provide the technical data (including but not limited to system schematic diagram, floor plan of testing locations, I/O signal point list, control logic diagram etc.) required for the test. If the test involves I/O signal points that are collected via high level interface, documents that indicating the points shown in the monitoring system graphic relevant to the local monitoring panel of corresponding equipment is also required.
7. The Client should arrange the entry and exit of our staff for the measurement.
8. Before the test, the Client should switch on and run the corresponding system in advance, alarm log and trend log of corresponding signal point should also be well set up in order to smooth the whole process.
9. Regarding the testing of I/O signal point: (Applicable item 6.3.8.1)
  - For digital signal, binary/discrete signal, switch signal, multi-state signal, etc., inspection including check the current status of the inspected equipment on the system monitoring interface and check whether the displayed signal status is consistent with the relevant control panel/controller/equipment status that is visible and available on site, inspection test will be carried out in the equipment current state without changing/switching appropriately according to the



situation;

- For the analog signal, check whether the reading value of the signal point displayed on the sensor/equipment in the monitoring interface of the system is floating/changing in the general relevant range, no abnormal data value or maximum / unreadable value, and whether there are signals offline as well;
10. If the Client fails to provide the site fit for testing while IDQ staffs have already arrived onsite; or if the date and time of the service is changed by Client without notifying IDQ 3 days in advance, IDQ will charge the admission fee of MOP\$500.00. The new inspection date will be determined by IDQ (the date may schedule on Saturdays, Sundays and Public Holidays, where a surcharge for working on the holidays is imposed).
  11. In general, the report showing the measurement result will be issued within 15 working days after completion of all the test.
  12. The measurement result only represent the condition during the measurement.
  13. The test report shall be issued in paper form. Copies of the test report that have not been re-stamped with the dedicated testing chop of the Institute are invalid.
  14. If a client requests a statement of conformity with the testing standards based on the test results (such as conformity/non-conformity, etc.), the institute will only make a conformity assessment of the test results obtained by the institute in accordance with the technical conditions of the relevant testing standards and specifications, or the technical conditions submitted by the client. The institute does not establish assessment rules.
  15. Client shall assist in arranging the position to place the test instrument as well as to assist the relevant measurement work, presence of professional sub-contractor/technical personnel of the corresponding system shall be arranged to accompany and assist the institute's personnel. They must be familiar with the system control logic and the operation requirements of the relevant system, as well as all the official programming configurations, adjustment tools, software, field equipment unit, sensor positions and should also prepare the configuration software and tools whenever needed. The established test items should be carried out in accordance with the instructions of the institute's personnel. Client shall assist to check the system parameters, signal & alarm readings, trend log, send out analog signals, and temporarily switch controlled parameter settings/set-points/thresholds if necessary. Client shall be responsible for the system operation except for the testing instruments provided by IDQ. Moreover, shop drawing of the electrical device shall also be provided for verification in advance.
  16. If the test result fails to comply with the testing standard/criteria, the service request form



should be applied again and additional fee for additional test/re-test.

17. The institute will issue the invoice before issuing the test report. Before getting the formal report, the Client shall settle the payment within the period remarked on invoice.
18. The information on SERVICE REQUEST FORM should be filled by the Client accurately. If any change in the Test Items is required after submitting to IDQ, the Client shall resubmit for confirmation. Any delay or loss caused by the aforementioned modification, IDQ shall not hold any responsibility.
19. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



**Remark:**

**Item 7.1 Air Balancing Test**

1. According to the air balancing calculation or design document provided by the Client, air flow measurement for each diffuser is required and recorded, and the result was verified and signed by our registered engineer. The summary of the measured result will be submitted to the Client for their final adjustment. Please be mentioned that the institute will only focus on the air flow measurement, and all the adjustment of the diffuser should be conducted by the Client themselves.
2. The Client should apply for the measurement through telephone or fax to the institute 7 days in advance.
3. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
4. The Client should arrange the pass for the entry and exit of our technician before the inspection, in order to smooth the whole process.
5. Onsite walk through survey should be arranged before the measurement, and communicate with the Client and propose the testing schedule.
6. Before the test, the Client should switch on and run the HVAC system in advance, in order to smooth the whole process.
7. Client is required to provide safety access and working platform to our engineer, in order to provide the inspection service.
8. If the Client fails to provide the site for the measurement, the admission fee will also be charged if our staffs have already arrived onsite.
9. In General, test report with description will be issued based on the test result, and the test report will be issued within 15 working days after completion of all the service.
10. The measurement results only represent the condition during the measurement.
11. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
12. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
13. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute has the right to cancel the test unilaterally.
14. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client



to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.

15. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.
16. The test method according the operation instruction to process.



**Remark:**

**Item 7.2 Water Balancing Test**

1. According to the water balancing calculation or design document provided by the Client, water flow measurement for each valve is required and recorded, and the result was verified and signed by our registered engineer. The summary of the measured result will be submitted to the Client for their final adjustment. Please be mentioned that the institute will only focus on the water flow measurement, and all the adjustment of the valve should be conducted by the Client themselves.
2. The Client should apply for the measurement through telephone or fax to the institute 7 days in advance.
3. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
4. The Client should arrange the pass for the entry and exit of our technician before the measurement, in order to smooth the whole process.
5. Onsite walk through survey should be arranged before the measurement, and communicate with the Client and propose the testing schedule.
6. Before the test, the Client should switch on and run the HVAC system in advance, in order to smooth the whole process.
7. Client is required to provide safety access and working platform to our engineer, in order to provide the inspection service.
8. If the Client fails to provide the site for the measurement, the admission fee will also be charged if our staffs have already arrived onsite.
9. In General, test report with description will be issued based on the test result, and the test report will be issued within 15 working days after completion of all the service.
10. The measurement results only represent the condition during the measurement.
11. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
12. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute has the right to cancel the test unilaterally.
13. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
14. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client



to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.

15. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.
16. The test method according the operation instruction to process.



**Remark:**

**Item 7.3 Duct Leakage Test**

1. According to the drawing submitted by the Client, duct leakage test is required, and the testing pressure should be the same as the working pressure or assigned by the Client. The length of the test sections should be communicated with the institute.
2. Through the comparison of measured leakage value to the standard allowable leakage rate, the duct will be classified as Pass if the measured leakage rate is lower than the standard allowable leakage rate.
3. The Client should apply for the test through telephone or fax to the institute 7 days in advance.
4. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
5. If offsite duct leakage test is required (type test), Client should communicate with the institute for the transportation of the sample, and clean up the sample by themselves after the test.
6. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
7. The Client should arrange the pass for the entry and exit of our technician before the measurement, in order to smooth the whole process.
8. Client is required to submit all necessary information related to the noise measurement according to institute's requirement.
9. Client is required to provide stable electrical supply for the test, safety access and working platform to our engineer, in order to provide the inspection service.
10. If the Client fails to provide the site for the measurement, the admission fee will also be charged if our staffs have already arrived onsite.
11. In General, test report will be issued based on the testing result, with the corresponding figure and picture to describe the situation, and the test report will be issued within 15 working days after completion of all the test.
12. The measurement results only represent the condition during the measurement.
13. Test report will be issued based on the testing result.
14. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
15. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.



16. The Client should inform the institute seven (7) working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute has the right to cancel the test unilaterally.
17. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
18. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.
19. The test method according the operation instruction to process.



**Remark:**

**Item 7.4 Pipe Pressure Test (Witness)**

1. According to the information submitted by the Client, water pipe hydraulic pressure test is required:
  - 1.1 Water pipe: the testing pressure should be 15 bar (1.5 times the working pressure) or assigned by the Client. The duration of the test should be 24 hours, and the pressure shown on the gauge cannot be dropped.
  - 1.2 Refrigerant pipe: the testing pressure should be 4MPa or assigned by the Client. The duration of the test should be 24 hours, and the pressure shown on the gauge cannot be dropped.
  - 1.3 Refrigerant pipe (Vacuum): the testing pressure should be -1Bar or assigned by the Client. The duration of the test should be 2 hours, and the pressure shown on the gauge cannot be dropped.
2. The Client should apply for the test through telephone or fax to the institute 7 days in advance.
3. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
4. The Client should arrange the pass for the entry and exit of our technician before the measurement, in order to smooth the whole process.
5. Client is required to submit all necessary information related to the noise measurement according to institute's requirement.
6. Client is required to install the pressure gauge and increase the internal pressure of the pipe to the designed pressure level by themselves.
7. Client is required to provide safety access and working platform to our engineer, in order to provide the inspection service.
8. If the Client fails to provide the condition for the witness service, the admission fee will also be charged if our staffs have already arrived onsite.
9. In General, test report will be issued based on the testing result, with the corresponding figure and picture to describe the situation and the test report will be issued within 15 working days after completion of all tests.
10. Test report based on the testing result will be issued.
11. The measurement results only represent the condition during the measurement.
12. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.



13. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
14. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute has the right to cancel the test unilaterally.
15. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.
16. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.
17. The test method according the operation instruction to process.



**Remark:**

**Item 7.5 Differential Pressure Measurement**

1. According to the pressure status provided by the Client, positive/negative pressure measurement under the door gap will be measured, and the result was verified and signed by our registered engineer. The summary of the measured result will be submitted to the Client for their final adjustment. Please be mentioned that the institute will only focus on the measurement, and all the adjustment should be conducted by the Client themselves.
2. The Client should apply for the test through telephone or fax to the institute 7 days in advance.
3. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
4. The Client should arrange the pass for the entry and exit of our technician before the measurement, in order to smooth the whole process.
5. Onsite walk through survey should be arranged before the measurement, and communicate with the Client and propose the testing schedule.
6. Before the test, the Client should switch on and run the corresponding system in advance, in order to smooth the whole process.
7. Client is required to provide safety access and working platform to our engineer, in order to provide the inspection service.
8. If the Client fails to provide the condition for the witness service, the admission fee will also be charged if our staffs have already arrived onsite.
9. In General, test report will be issued based on the testing result, with the corresponding description, and the test report will be issued within 15 working days after completion of all the test.
10. The measurement results only represent the condition during the measurement.
11. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
12. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
13. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute has the right to cancel the test unilaterally.
14. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client



to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.

15. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.
16. The test method according the operation instruction to process.



**Remark:**

**Item 7.6 Vibration Test**

1. The measurement parameter is Vibration scale of equipment.
2. According to the service request form submitted by the Client, vibration measurement of equipment is required. The measurement will be conducted during the Office Hours.
3. During the measurement, the system should be operated under normal condition.
4. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
5. During the measurement, the Client should provide sufficient space for setting up the equipment and make sure the safety of the equipment and out of disturbance.
6. The Client should arrange the pass for the entry and exit of our technician before the measurement, in order to smooth the whole process.
7. During the measurement, the Client should make sure that the equipment is operated under normal conditions.
8. If the Client fails to provide the condition for the witness service, the admission fee will also be charged if our staff already arrived onsite.
9. In General, test report will be issued based on the testing result, with the corresponding description, and the test report will be issued within 15 working days after completion of all the test.
10. The measurement results only represent the condition during the measurement.
11. The institute will only provide the vibration measurement data to Client for their reference, without providing any analysis and comparison.
12. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
13. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute has the right to cancel the test unilaterally.
14. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
15. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.



16. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.
17. The test method according the operation instruction to process.



**Remark:**

**Item 7.7 Stairs Pressurization System Testing Services**

**(Differential Pressure 、 Air Flow Velocity at the Door 、 Opening Force for the Door)**

1. According to the information or design document provided by the Client, Stair Pressurization test is required, and the result was verified and signed by our registered engineer. The summary of the measured result will be submitted to the Client for their final adjustment. Please be mentioned that the institute will only focus on the measurement, and all the adjustment of the damper should be conducted by the Client themselves.
2. The Client should apply for the test through telephone or fax to the institute 7 days in advance.
3. After the submittal of the service Request form, the Institute will communicate with the Client and propose the testing schedule.
4. Client is required to provide safety access and working platform to our engineer, in order to provide the testing service.
5. Onsite walk through survey should be arranged before the measurement, and communicate with the Client and propose the testing schedule.
6. Before the test, the Client should switch on and run the corresponding system in advance, in order to smooth the whole process.
7. The Client should arrange the pass for the entry and exit of our technician before the measurement, in order to smooth the whole process.
8. If the Client fails to provide the condition for the test, the admission fee will also be charged if our staffs have already arrived onsite.
9. In General, test report will be issued based on the testing result, with the corresponding description, and the test report will be issued within 15 working days after completion of all tests.
10. The measurement results only represent the condition during the measurement.
11. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
12. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
13. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute have the right to cancel the test unilaterally.
14. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client



to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.

15. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.
16. The test method according the operation instruction to process.



**Remark:**

**Item 7.8 Equipment Performance Test (Two people per day)**

1. According to the information or design document provided by the Client, Equipment performance test is required, and the result will be verified and signed by our registered engineer. The summary of the measured result will be submitted to the Client for confirmation of the operation conditions of the equipment. Please be mentioned that the institute is not responsible to any adjustment works.
2. The Client should apply for the test through telephone or fax to the institute 7 days in advance.
3. After the submittal of the service request form, the Institute will communicate with the Client and propose the testing schedule.
4. The Client should arrange the pass for the entry and exit of our technician before the measurement, in order to smooth the whole process.
5. Onsite walk through survey should be arranged before the measurement, and communicate with the Client and propose the testing schedule.
6. Before the test, the Client should switch on and run the corresponding system in advance, in order to smooth the whole process.
7. Client is required to provide safety access and working platform to our engineer, in order to provide the testing service.
8. If the Client fails to provide the condition for the test, the admission fee will also be charged if our staffs have already arrived onsite.
9. In General, test report will be issued based on the testing result, with the corresponding description, and the test report will be issued within 15 working days after completion of all tests.
10. The measurement results only represent the condition during the measurement.
11. If the test result fails to comply with the testing standard/criteria, the service request form should be applied again and additional fee for additional test/re-test.
12. The institute will issue the invoice before issuing the test report. The Client should settle the invoice before getting the formal report.
13. The Client should inform the institute 7 working days in advance, for the confirmation of testing service. If the Client does not cooperate with the institute for the testing issue, the institute has the right to cancel the test unilaterally.
14. In any postponement, or the cannot performed of partially/ totally service, which is due to factor beyond the control of IDQ, for instance, directly or indirectly caused by any failure of the Client



to comply with its obligations hereunder or any force majeure, IDQ shall not hold any responsibility.

15. IDQ shall keep confidential all information from the Client which is obtained or informed of due to the necessity of providing Services. If it is necessary to disclose, deliver, transfer, copy or disseminate to any third party which could not be predicted in advance, IDQ shall inform the Client in writing and conduct the friendly negotiation. Except in the irresistible cases (such as compulsory measures taken by the court, etc.), IDQ shall not and will not perform the foregoing disclosure of information, without any prior written consent of the Client or the parties having entered into any relevant disclosure agreement in writing.
16. The test method according the operation instruction to process.



**Remark:**

**Item 8 Non-Destructive Test**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 8)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Suggested testing standard: VT Reference to BS EN ISO 17637, MT Reference to BS EN ISO 17638, LT Reference to BS EN ISO 3452-1, UT Reference to BS EN ISO 17640, RT Reference to BS EN ISO 17636-1, TM Reference to BS EN ISO 16809. If other standard is required, please specify the detail requirements during request.  
Suggested acceptance criteria: VT Reference to to BS EN ISO 5817 Level B, MT Reference to to BS EN ISO 23278 Level 2X, LT Reference to to BS EN ISO 23277 Level 2X, UT Reference to to BS EN ISO 11666 Level 2, RT Reference to to BS EN ISO 10675-1 Level 1. If other standard is required, please specify the detail requirements during request.  
(Applicable to all item 8)
3. Max. one set of testing media is included.  
(Applicable to item 8.2~8.3, 8.5~8.6, 8.8~8.15)
4. The temporary report of X-ray Radiographic Examination (RT) will be provided within two working days (48 hours) normally, within one working day (24 hour) for urgent request.  
(Applicable to all item 8.18~8.23)
5. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 8)
6. Normally, (upon receiving all necessary information), official reports will be issued in 15 working days after finishing the inspection/test. Temporary records can be provided in 2 working days upon request. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 8.35.  
(Applicable to all item 8)
7. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 8)
8. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently. (Applicable to all item 8)



9. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to item 8.32~8.34 and 8.39~8.43)
10. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 8)
11. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 8)
12. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 8)
13. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 8)
14. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 8:00 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 8.25.  
(Applicable to all item 8)
15. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 8.26.  
(Applicable to all item 8)
16. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 8)
17. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 8)
18. Upon the service request form, If the language used on the Report does not specified, Chinese will be used.  
(Applicable to all item 8)



19. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 8.27.  
(Applicable to all item 8)
20. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.  
(Applicable to all item 8)
21. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.  
(Applicable to all item 8)



**Remark:**

**Item 9 Coating and Adhesive Test**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 9)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Suggested testing standard: DFT Reference to BS EN ISO 2808, AM Reference to ISO 6246, GT Reference to BS EN ISO 1461, FPT Reference to ASTM E605, FPD Reference to ASTM E605, FPB Reference to ASTM E736, ICT Reference to BS EN ISO 2808, HD Reference to NACE RP0274, CAM Reference to BS EN 12004-2. If other standard is required, please specify the detail requirements during request.  
Suggested acceptance criteria: DFT Reference to BS EN ISO 12944, AM Reference to ISO 12944-6, GT Reference to BS EN ISO 1461; If other standard is required, please specify the detail requirements during request.  
(Applicable to all item 9)
3. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 9)
4. Normally, (upon receiving all necessary information), official reports will be issued in 15 working days after finishing the inspection/test. Temporary records can be provided in 2 working days upon request. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 9.21.  
(Applicable to all item 9)
5. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 9)
6. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently.  
(Applicable to all item 9)
7. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to item 9.18~9.20 & 9.25~9.29)



8. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 9)
9. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 9)
10. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 9)
11. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 9)
12. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 8:00 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 9.15.  
(Applicable to all item 9)
13. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 9.16.  
(Applicable to all item 9)
14. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 9)
15. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 9)
16. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 9)



17. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 9.17.  
(Applicable to all item 9)
18. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.  
(Applicable to all item 9)
19. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.  
(Applicable to all item 9)
20. For the Sprayed Fire-Resistance Material Density Test, Client is responsible to cut the samples according to our instruction.  
(Applicable to item 9.9-9.10)
21. For the Sprayed Fire-Resistance Material Bond Test, Client is responsible for adhering the test dolly and cut on the sprayed fire-resistance material according to our instruction.  
(Applicable to item 9.8)
22. For the Cementation Adhesive Strength Tensile Test, Client is responsible for adhering the test dolly and cut to the cementation adhesive according to our instruction.  
(Applicable to item 9.5)



**Remark:**

**Item 10 Anchors and Fasteners Test**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 10)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Suggested testing standard: Pull out test Reference to BS 5080-1, Bolt Torque Test Reference to GB 50205. If other standard is required, please specify the detail requirements during request.  
(Applicable to all item 10)
3. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 10)
4. Normally, (upon receiving all necessary information), official reports will be issued in 15 working days after finishing the inspection/test. Temporary records can be provided in 2 working days upon request. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 10.13.  
(Applicable to all item 10)
5. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 10)
6. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently.  
(Applicable to all item 10)
7. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. Representative of Client shall sign on IDQ's Work Order (WO) for confirmation on-site.  
(Applicable to all item 10)
8. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to item 10.12~10.14 & 10.20~10.21)
9. The Service Outside Macao is only provided when the request service is for (or more than) a whole day.  
(Applicable to item 10.2, 10.7)



10. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 10)
11. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 10)
12. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 10)
13. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 10)
14. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 8:00 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 10.7.  
(Applicable to all item 10)
15. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 10.8.  
(Applicable to all item 10)
16. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 10)
17. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 10)
18. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 10)



19. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 10.9.

(Applicable to all item 10)

20. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.

(Applicable to all item 10)

21. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.

(Applicable to all item 10)



**Remark:**

**Item 11 Welder Qualification Examination**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 11)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Welder qualification is suggested to reference to BS EN ISO 9606-1. If other standard is required, please specify the detail requirements during request.  
(Applicable to all item 11)
3. Client is responsible for delivering the test pieces to our specified address.  
(Applicable to item 11.2)
4. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 11)
5. Normally, (upon receiving the I.D. information and photos of the welders from the Client), if all the required tests pass, welder certificates will be issued in 15 working days after all the related tests finished. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 11.16.  
(Applicable to all item 11)
6. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 11)
7. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently.  
(Applicable to all item 11)
8. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to item 11.13~11.15 & 11.20~11.24)
9. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 11)



10. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 11)
11. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 11)
12. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 11)
13. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 8:00 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 11.10.  
(Applicable to all item 11)
14. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 11.11.  
(Applicable to all item 11)
15. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 11)
16. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 11)
17. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 11)
18. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 11.12.  
(Applicable to all item 11)
19. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.  
(Applicable to all item 11)



20. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.  
(Applicable to all item 11)



**Remark:**

**Item 12 Welding Procedure Qualification**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 12)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Welding procedure qualification is suggested to reference to BS EN ISO 15614-1. If other standard is required, please specify the detail requirements during request.  
(Applicable to all item 12)
3. Client is responsible for delivering the test pieces to our specified address.  
(Applicable to item 12.2)
4. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 12)
5. Normally, (upon receiving the I.D. information and photo of the welder as well as the project information from the Client), if all the required tests pass, welding procedure qualification records will be issued in 15 working days after all the related tests finished. The destructive tests will take about 2 weeks. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 12.17.  
(Applicable to all item 12)
6. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 12)
7. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently.  
(Applicable to all item 12)
8. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to items 12.14~12.16 and 12.21~12.25)
9. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 12)



10. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 12)
11. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 12)
12. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 12)
13. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 8:00 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 12.11.  
(Applicable to all item 12)
14. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 12.12.  
(Applicable to all item 12)
15. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 12)
16. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 12)
17. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 12)
18. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 12.13.  
(Applicable to all item 12)



19. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.  
(Applicable to all item 12)
20. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.  
(Applicable to all item 12)



**Remark:**

**Item 13 Mechanical and Chemical Analysis**

1. Inspection/testing standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.

Suggested testing standard: Tensile Test is Reference to ISO 6892-1, Bend Test is Reference to ISO 5173, GB/T 232, Impact Test is Reference to EN 10045-1, Hardness Test is Reference to ISO 9015-1, Fracture Test is Reference to ISO 9017, Macro Examination Test is Reference to ISO 17639, Chemical Analysis is Reference to GB/T 11170, GB/T 20123, Reinforced steel bar weldability analysis is Reference to 64/96/M, Slip Coefficient Testing of Faying Surface Of High-Strength Bolted Connection is Reference to GB 50205. If other standard is required, please specify the detail requirements during request.

(Applicable to all item 13)

2. Client is responsible for delivering the test pieces to our specified address.  
(Applicable to all item 13)
3. Normally, (upon receiving the specification information of the specimens as well as the project information from the Client), test reports will be issued in 15 working days after all the related tests finished. The destructive tests will take about 2 weeks. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 13.26.  
(Applicable to all item 13)
4. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 13)
5. Basic charge is the total charge of the service provided in our general working hours, excluding additional charges.  
(Applicable to all item 13.23~13.25)
6. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 13)
7. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 13)



8. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 13)
9. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 13)
10. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 13)
11. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 13)
12. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 13)
13. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 13.22.  
(Applicable to all item 13)
14. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.  
(Applicable to all item 13)



**Remark:**

**Item 14 Lifting Appliance and Lifting Gear Inspection**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 14)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Inspection is suggested to reference to Macau Administrative Regulation No.32/2023 or related national standards. Please specify the detail requirements during request.  
(Applicable to all item 14)
3. Item 1 is applicable.  
(Applicable to item 14.5~14.29)
4. Test weight rental is charged on one-ton unit, any fraction of one ton thereof charge of one ton. Client is responsible for transporting the test weight from and return to our storage location. It is Client's responsibility to take care of our test weight once the test weight leaves our storage location. Any loss will be charged at MOP100 per KG.  
(Applicable to item 14.2)
5. Test certificates are included.  
(Applicable to item 14.17~14.28)
6. Client is responsible for preparing sufficient test weight on-site and provide equipment's brand, model No., user manual and the last test reports or certificates before making the inspection appointment. Client is responsible for all the operation of the equipment during the inspection or testing. Access control of the inspection/testing region is Client's responsibility.  
(Applicable to all item 14)
7. Test carried out in IDQ's laboratory, Client is responsible for the lifting gears' delivery to and from IDQ. Length not greater than 1 meter. Any longer length needs to be confirmed by IDQ.  
(Applicable to item 14.32~35)
8. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 14)
9. Normally, (upon receiving all necessary information), official reports will be issued in 15 working days after finishing the inspection/test. Temporary records can be provided in 2 working days upon request. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 14.44.  
(Applicable to all item 14)



10. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 14)
11. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently.  
(Applicable to all item 14)
12. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to item 14.41~14.43 & 14.48~14.52)
13. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 14)
14. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 14)
15. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 14)
16. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 14)
17. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 7:30 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 14.38.  
(Applicable to all item 14)
18. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 14.39.  
(Applicable to all item 14)



19. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 14)
20. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 14)
21. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 14)
22. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 14.40.  
(Applicable to all item 14)
23. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.  
(Applicable to all item 14)
24. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.  
(Applicable to all item 14)



**Remark:**

**Item 15 Water Leakage Field Test**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 15)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Suggested testing standard: WL Reference to AAMA 501.2. If other standard is required, please specify the detail requirements during request.  
(Applicable to all item 15)
3. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 15)
4. Normally, (upon receiving all necessary information), official reports will be issued in 15 working days after finishing the inspection/test. Temporary records can be provided in 2 working days upon request. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 15.11.  
(Applicable to all item 15)
5. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 15)
6. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently.  
(Applicable to all item 15)
7. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to item 15.8~15.10 & 15.15~15.19)
8. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 15)



9. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 15)
10. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 15)
11. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 15)
12. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 7:30 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 15.5.  
(Applicable to all item 15)
13. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 15.6.  
(Applicable to all item 15)
14. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 15)
15. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 15)
16. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 15)
17. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 15.7.  
(Applicable to all item 15)



18. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.

(Applicable to all item 15)

19. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.

(Applicable to all item 15)



**Remark:**

**Item 16 Pressure Test**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 16)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Suggested testing standard: SV Reference to GB/T 12241, GB/T 12242, GB/T 12243 or API 510, API RP 576, API STD 527 or ASME PTC 25, API STD 527 or BS EN ISO 4126-1, API STD 527. If other standard is required, please specify the detail requirements during request.  
(Applicable to all item 16)
3. Client is responsible for the delivery of the safety valves. Assuring throughout cleaning of the valves and without any hazardous contaminant.  
(Applicable to item 16.2~16.3)
4. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 16)
5. Normally, (upon receiving all necessary information), official reports will be issued in 15 working days after finishing the inspection/test. Temporary records can be provided in 2 working days upon request. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 16.11.  
(Applicable to all item 16)
6. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 16)
7. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently.  
(Applicable to all item 16)
8. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to item 16.8~16.10 & 16.15~16.18)



9. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 16)
10. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 16)
11. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 16)
12. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 16)
13. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 8:00 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 16.5.  
(Applicable to all item 16)
14. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 16.6.  
(Applicable to all item 16)
15. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 16)
16. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 16)
17. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 16)



18. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 16.7.  
(Applicable to all item 16)
19. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.  
(Applicable to all item 16)
20. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.  
(Applicable to all item 16)



**Remark:**

**Item 17 Flood Gate Product Performance Test**

1. On-site service working hour is from 09:30 to 12:30; 14:30 to 17:30. IDQ staffs provide services outside the on-site service working hour are deemed to be working overtime. Additional charge will apply for overtime.  
(Applicable to all item 17)
2. Inspection/testing frequencies, locations, standard and acceptance criteria are provided by Client. The Client shall consult with IDQ to specify the detail requirements. And complete / sign the Technical Agreement which provided by IDQ during request.  
Suggested testing reference standard: PAS 1188, FM 2510. If other standard is required, please specify the detail requirements during request.  
(Applicable to all item 17)
3. Client is responsible for preparing the test site, installation of flood gate, produce hydrostatic pressure, current, wave, impact test weight according to our requirements. IDQ will assign inspector to witness the test process and record test result.  
(Applicable to item 17.1)
4. The service rate above is applicable to services provided in Macau. Client is responsible for providing all necessary transportation and accommodation when service is provided outside Macau. Additional charge of service provided outside Macau will be applied.  
(Applicable to all item 17)
5. Normally, (upon receiving all necessary information), official reports will be issued in 15 working days after finishing the inspection/test. Temporary records can be provided in 2 working days upon request. Quantity and the arrangement of report is decided by IDQ. Any extra reports requested will be charged according to item 17.9.  
(Applicable to all item 17)
6. The inspection / testing result is valid only for the inspection / testing moment. We are not responsible for verifying the reality and accuracy of the information provided by Client.  
(Applicable to all item 17)
7. Client is responsible for the proper grinding and cleaning of the surface being tested. Suitable safety platforms as well as proper lighting, electrical power supply (220V) and helper should be provided in order to provide our services efficiently.  
(Applicable to all item 17)
8. Basic charge is the total charge of the service provided during our on-site service working hours, excluding additional charges.  
(Applicable to item 17.6~17.8 & 17.13~17.16)



9. The service hours include all the time required for the transportations to and from our institute and the time required for gate entrance, also the equipment preparing and safety training course. Client is responsible for all the procedures and the application charge for site entrance application.  
(Applicable to all item 17)
10. All the service requirement should be applied three working days in advance. After the submittal of SRF, IDQ will contact the Client for details and propose the schedule of providing the Service according to the actual situation.  
(Applicable to all item 17)
11. Any sudden/on-site change in service requirements or any special requirements, including but not limited to service requirements outside the general working hours of IDQ, extension of service hours or overtime work, etc., will be arranged by IDQ through communicating with Clients whilst according to the actual situation.  
(Applicable to all item 17)
12. Even if the service requirement is confirmed, if due to any factors beyond the control of IDQ, including but not limited to bad weather or equipment failure, etc., IDQ shall retain the right to make changes or cancellations to the request without any direct or indirect liability.  
(Applicable to all item 17)
13. Service scheduled to provide in the morning or for all-day could be cancelled free of charge by written before 7:30 a.m. on the date of appointment;  
Service scheduled to provide in the afternoon could be cancelled free of charge by written before 12:00(noon) on the day of appointment;  
Otherwise, the fee will be charged according to item 17.3.  
(Applicable to all item 17)
14. Upon IDQ staffs' arrival at the workplace, if the testing service cannot be implemented which is not due to IDQ or the Client requests to cancel or postpone the services, attendance fee will be charged according to item 17.4  
(Applicable to all item 17)
15. The discount on the service request form is only applicable to items commissioned one-off.  
(Applicable to all item 17)
16. Upon the service request form, if the Report title is not specified, Client name on the service request form will be used.  
(Applicable to all item 17)
17. Upon the service request form, If the language used on the Report does not specified, Chinese will be acquiescent used.  
(Applicable to all item 17)
18. The name of Client, Project Name, Report Title, etc. on the SRF filled by the Client shall be accurate. If the Client proposes modification due to mistaken filling after the Client has signed on the Work Order of



IDQ for confirmation or IDQ has confirmed the relevant SRF to the Client (whichever is the earlier), every revision will be charged according to item 17.5.

(Applicable to all item 17)

19. Overtime charge is hour based. Any period less than 1 hour is treated as 1 hour.

(Applicable to all item 17)

20. The time for Report urgent processing service is counted starting from the day after finishing all testing/inspection. It will only be provided upon our availability.

(Applicable to all item 17)