## 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 restamped 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.

\*Amended –Refer to: «IDQ SERVICE PRICE LIST 2025» Supplement 01, 25/04/2025

# 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 restamped 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.

\*Amended –Refer to: 《IDQ SERVICE PRICE LIST 2025》 Supplement 01, 25/04/2025



### 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 restamped 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.

\*Amended –Refer to: 《IDQ SERVICE PRICE LIST 2025》 Supplement 01, 25/04/2025

# Item 6.1.4 RCD Residual Operating Current and Disconnection Time Test

- 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 restamped 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.

\*Amended –Refer to: 《IDQ SERVICE PRICE LIST 2025》 Supplement 01, 25/04/2025