

### 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 througout 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.
- 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.
- 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 doest not speficied, 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 modiciations 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.
- 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 value on-line calibration only applicable to safety value 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 nonoperating.
- 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 id 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 corrsion 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.
- 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 doest not speficied, 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 modiciations 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.



### Remark:

### 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.
- 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.
- 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.
- To ensure the quality of test, Client shall remove the gasket at he 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 throughly 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.
- 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 doest not speficied, 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 modiciations 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.