

The Boiler Test Code 2018

VOLUME 3 - LPG tanks under 250ml

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Frequently Asked Questions

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Question

I cannot find anything relating to gas regulators. Most of the gas regulators that we can use would fail at pressures over 100psi. There has been a "gentleman's agreement" that the gas regulator is removed for testing - to prevent ruining them. What are the official guidelines for this?

Answer

Only gas tanks are hydraulically tested, not regulators, so it is in order for the regulator to be removed in order to test the tank.

Question

Section 3.11 says that the owner can be the witness, at the discretion of the Inspector. Is this correct?

Answer

Yes - this is correct.

Question

Section 4.4 says 'decisions taken by boiler inspectors shall be taken as final' but Section 15.3 says the matter should be referred

Either the inspector's decision is final or it isn't - can't be both.

Answer

The words 'Except for the provisions of Section 15' should have been added to the end of Section 4.4. Future editions of the Test Code will be amended accordingly.

Question

In Section 7.2 the hydraulic test pressure for gas tanks has been raised to 400psi. Is continued use of tanks tested to the previous lower pressure of 180psi allowed?

Answer

The new Test Code is not retrospective. The new Test Code is adequate for mixtures up to 40% propane. Previous codes are only appropriate for situations in which a guaranteed source of 100% butane is available.

Question

Re Section 9.4 do we use a standard "Examination Certificate of a Pressure System"?

Answer

The Test Code expects that the items listed in Section 9.4 are captured on the sister document to this Test Code, document name 'Pressure Vessel Certificate 2018'.

Question

Section 10.1 mentions a 'personal identification code'. What is this and who issues it?

Answer

Personal identification codes are used by G1MRA and the Association of 16mm Narrow Gauge Modellers. The Northern Association and the Southern Federation use pre-numbered certificates.

Question

Section 10.2 says details to be recorded in a record book. Is this a special book (if so where do we get it from?) or do we use any suitable book?

Answer

Details may be recorded in any suitable book.

Question

Section 11.1 states that the test gauge must be calibrated to within +/- 2%. 2% of what?

Answer

+/- 2% across the range of the gauge as per normal practice.

Question

In section 11.2 should it be 'The test gauge range' not 'The gauge range'?

Answer

Yes, a typographical error - it should be 'The test gauge range'.

Question

Section 11.4 mentions 'keeping a log book'. What log book is this? A log book has not previously been mentioned.

Answer

The bodies represented on the Model Engineering Liaison Group use different systems for recording test gauge calibrations. In the absence of a recommended system any suitable book may be used as a log book.

Question

Section 12.1 states that 'The tank shall be indelibly marked'. This is not always possible on tin can legacy tanks.

Answer

The Test Code is not retrospective.

Question

Does the 5 yearly safety check specified in Section 13 need to be completed by an inspector? Can the owner/user of the LPG tank complete the test?

Answer

The test can be performed by an inspector and also by the owner/user.

Question

What is the safety check documentation mentioned in Section 13.4?

Answer

Safety check documentation refers to the Record of Inspection and Safety Checks.

Question

In Section 14.5 it is surprising to see that a slow leak from the gas valve, via the gas jet, is acceptable.

Answer

Gas valves are not subject to test however Section 14.5 does say that whilst a slow leakage from the gas valve, via the gas jet, is not a reason for failure it should be brought to the attention of the owner/user.

