

Title Roles and Responsibilities of a Boiler Inspector

A. Scope

To identify the roles and responsibilities of a boiler inspector and the knowledge and experience required to carry out the role.

Person Characteristics

The FMES Test Code states: An Inspector acting as a competent person who carries out an examination under the Written Scheme of Examination shall have such sound practical and theoretical knowledge and actual experience of the type of system which is to be examined. The individual should know his own limitations and should not act outside his level of qualification or knowledge

1. Shall be a Club Member
2. Shall be appointed by the Committee and approved by 2 current Boiler Inspectors
3. Shall have successfully built at least 2 copper boilers
4. Should be competent to examine and report on all parts of the system as covered by the Federation of Model Engineering Societies Test Code
5. Should have the appropriate level of experience and/or qualifications.
6. Should have knowledge of suitability of parts, materials and joining processes
7. Should have knowledge of boiler calculations and safety factors

C. Responsibilities

Boiler Inspectors are responsible for:

1. The examination and testing of all boilers powering steam models to be run on Club premises.
2. The correct completion of test certificates and paperwork required by the Federation of Model Engineering Societies.
3. Giving authoritative advice to members regarding acceptable, safe repairs/alterations to boilers
4. Giving knowledgeable advice to members regarding the design of new boilers to conform with the appropriate safety regulations
5. Identifying an unsafe boiler and knowing the procedure to condemn the boiler

E. Appendices

Date & Reason for Issue
