

Guidance on Completion of Documentation

Written Scheme of Examination (WSOE)

Background: The Written Scheme of Examination needs to be completed at the first test (steam or hydraulic) after 1st January 2013. The Written Schemes are in a pre-numbered pad and there are three copies;

- the white copy for the boiler owner/user
- the pink copy is for the Southern Federation Boiler Registrar if your pad has been supplied by Southern Federation or for your Society records if your pad has been supplied by the Northern Association or by the 7 1/4" Gauge Society
- the yellow copy is for your records

The Written Scheme needs completing only once, unless: -

- a) the boiler changes hands when a new Written Scheme in the name of the new owner is needed
or
- b) the boiler has undergone major repairs or the working pressure (P_w) has been altered when a new Written Scheme is needed

The boiler owner/user should safely keep the Written Scheme with the other boiler paperwork. The boiler owner/user does not need to carry the Written Scheme about in the same way as the Boiler Certificate is carried about.

Completion: The Written Scheme of Examination is for completion by Boiler Inspectors only. No carbon paper is needed so please make sure that the card sheet is inserted after the bottom yellow copy.

Fill in Section 2 with the details of the System (the boiler): -

- 2a) Boiler Number
- 2b) Name of Owner
- 2c) Year of Manufacture (the boiler, not the model)
- 2d) Name of Manufacturer - in the case of old models the name of the boilermaker may not be known in which case write 'Not Known'
- 2e) Boiler Material and method of jointing eg steel welded, copper welded, copper silver soldered, copper riveted etc
- 2f) Boiler Type – delete the one not applicable
- 2g) Type of Model – delete those not applicable
- 2h) Description – describe the model e.g. Romulus loco or Burrell traction engine
- 2i) Gauge or Scale of the model
- 2j) Working Pressure (P_w) – see Boiler Test Code 2012 paragraph 3.5
- 2k) Limit Pressure (P_L) – this is the working pressure (P_w) plus 10%

Fill in Section 3 ticking the boxes where items are fitted, leave the box blank if not fitted. If there are 3 safety valves tick SV1, SV2 and SV3, if there is one fusible plug tick FP1, if there are two boiler feed check valves tick CV1 and CV2 etc etc. It should be noted that Try Cocks (otherwise known as Test Cocks) are not part of the Water Level Gauge. Try (Test) Cocks are sometimes fitted in pairs to a boiler and used as a method of checking the level of water in a boiler where the reading of the normal Water Level Gauge may be in question. The upper Cock should eject steam only whilst the lower Cock should eject water only.

Complete Section 4 only if there are any special requirements

At the bottom of the form fill in the name of your club/society, the affiliation number of your club/society and your name followed by your signature and the date the Written Scheme was prepared.