

The Tamil Nadu Factories Rules

FORM 8

(Prescribed under Rule 56)

Report of examination of pressure vessel or plant

1. Name of Occupier (or factory)_____
2. Situation and address of factory._____

3. Name, description and distinctive number of pressure vessel or plant._____

4. Name and address of manufacturer and reference to their test certificate or certificate of competent person.

5. Nature of process in which it is used._____
6. Particulars of pressure vessel or plant:_____
 - (a) Date of construction._____
 - (b) Thickness of walls._____
 - (c) Date on which the pressure vessel or plant was first taken into use._____
 - (d) Maximum permissible working pressure recommended by the manufacturer._____
 - (e) Design pressure, if known._____

(The history should be briefly given, and the examiner should state whether he seen the last previous report.)
7. Date of last hydrostatic test (if any) and pressure applied._____
8. Is the pressure vessel or plant in open, or otherwise exposed to weather or to damp?_____
9. What parts (if any) were inaccessible?_____
10. What examination and tests were made? (Specify pressure if hydrostatic test was carried out.)_____
11. Condition of pressure vessel or plant (State any defects materially affecting the maximum permissible working pressure or the safe working of the pressure vessel or plant.)_____
External_____
Internal_____
12. Are the required fittings and appliances provided in accordance with rules?_____
13. Are all fittings and appliances properly maintained and in good condition? Have the pressure settings been checked and corrected?_____
14. Repairs (if any) required, and period within which they should be executed and any other condition which the person making the examination thinks it necessary to specify for securing safe working_____

15. Maximum permissible working pressure, calculated from dimensions and from the thickness and other data ascertained by the present examination, due allowance being made for conditions of working if unusual or exceptionally severe. (State minimum thickness of walls measured during the examination.)_____

16. Where repairs affecting the maximum working pressure are required, state the working pressure—

(a) Before the expiration of the period specified in (14)._____

(b) After the expiration of such period if the required repairs have not been completed._____

(c) After the completion of the required repairs._____

17. Other observations._____

I certify that on_____ the pressure vessel or plant described above was thoroughly cleaned and (so far as its construction permits) made accessible for thorough examination and for such tests as were necessary for thorough examination and that on the said date, I thoroughly examined this pressure vessel or plant, including its fittings, and that the above is a true report of my examination.

Signature_____

Qualification_____

Address_____

Date_____