

BOILER INSPECTION REPORT

Date of Inspection :

Registration No. of Boiler : Boiler Rating : i) Heating surface area: m²
ii) Evaporation rate: **Kg/hr**

Maker No :

Description of Boiler :

Original working Pressure : **Kgf/cm² (g)**

Owners name with address : M/S.

Hydraulic test pressure and result:
Hydraulic

1. **Details of Examination :**

External Condition of shell :

Internal Condition of shell :

External Condition of heating surfaces:

Internal Condition of heating surfaces:

Headers :

Gusset :

2. **Condition of mountings:-**

Fusible plug :

Feed inlet :

Feed check valves and chests :

Stop valves and chests :

Water gauge mountings :

Safety valves and chests :

Blow out apparatus :

Steam pressure gauges:

No. :

Red mark at : Kg/cm²

Range : Kg/cm²

3. **Working pressure allowed with reasons (if any)**

4. **Prov. Order No.:**

5. **Boiler Attendent:**

Number and date of certificate issued :

Date of expiry :

Fee charged :

Treasury Challan No. and Date :

STEAM STEAM PIPELINE INSPECTION REPORT

Certified that the installation of the Steam Pipeline attached to Boiler No.: _____, Maker No.: _____ in the premises of _____ was inspected by me on dated _____. The said installation was found in accordance with drawing no. _____ approved vide _____dated _____. The certificate of the Pipeline and other fittings used in the installation of the said pipeline had sent vide this office letter No. _____ Dated _____ are being sent herewith as per details below.

The various tests as required under regulation 360 (d) were carried out and the same were found satisfactory. The Hydraulic test of the installation of the steam pipeline was carried out by me on dated _____ up to a maximum pressure of _____ and the test was found satisfactory.

The installation of the said pipeline was carried out by _____ and the following welders who are having certificates as per detailed below were engaged,

Encls:

Certificate of pipes & fittings of Steam Pipeline

Dated:

CHECKLIST

INSPECTION FOR RENEWAL OF BOILER CERTIFICATE

GENERAL INFORMATION	
Date of Inspection	
Name of Owner/Factory/Premises	
Address of Factory/Premises	
Registration No. of Boiler	
Type of Boiler	
Boiler Rating	
Maximum Continuous Evaporation	
Original working Pressure	
Hydraulic test Pressure	
Required fees deposited	Yes/No
Preparation for open inspection	
If the Boiler is in battery, all steam & water & furnace flue communication with another boiler shall be disconnected	Yes/No
Access to/condition and cleaning of Boiler, boiler components, boiler mountings, fittings, steam pipes	Yes/No Satisfactory/Not satisfactory
Boiler is completely empty	Yes/No
Boiler is in cold condition	Yes/No

All essential Parts of boiler such as Safety valve Cleaned properly, scales on tubes inside & outside	Yes/No
Manhole, Hand Hole, Sight hole are opened to examine boiler from inside.	Yes/No
Internal & External Condition of Shell/Drum	Satisfactory/Not Satisfactory
Internal & External Condition of Tubes	Satisfactory/Not Satisfactory
Internal & External Condition of Headers and boiler components.	Satisfactory/Not Satisfactory
Condition of mountings and Fittings	
1.Fusile plug	
2.Feed inlet	
3.Feed check valves and chest	
4.Stop Valves and chest	
5. Water gauge mounting	
6. Safety valves and chest	
7.Blow out apparatus	
8.Steam pressure gauge	
i. Range	
ii. Red mark at	
iii. Type	
9. Mobray / Water level controller	
Preparation for hydraulic test	
If the Boiler is in battery, all steam & water & furnace flue communication with another boiler shall be disconnected	Yes/No

The Safety valves removed and chest opening blank flanged	Yes/No
Boiler completely filled with water	Yes/No
Ensure no trap of air	Yes/No
Any leakage or deflection noticed.	Yes/No
Conclusion- Overall condition of boiler	Satisfactory/Not Satisfactory
Boiler completely filled with water	Yes/No
Ensure no Air trapped inside boiler.	Yes/No
water in boiler during Hydraulic Test should be between 20° C and 50° C.	Yes/No
Hydraulic test to be taken to 1¼ times the maximum Working pressure.	Yes/No
Any leakage or deflection noticed.	Yes/No
Repairs carried out/change of mountings (If yes, then details)	Yes/No
Conclusion- Overall condition of boiler	Satisfactory/Not Satisfactory
Boiler Attendant (Attach list for Name of Boiler Attendant Certificate no. & Class)	Appointed/Not appointed
Boiler Operation Engineer (Attach list for Name Boiler Operation Engineer & Certificate no.)	Appointed/Not appointed / Not Required
Fuel Used	
Steam use details	