

## 4. Boiler's FAQ's

### 4.1 ) What is a boiler?

---

Boiler is a closed vessel in which steam is generated for use external to itself but does not include a pressure vessel, if,

(i) Capacity less than 25 litres, or

(ii) Design & working pressure less than 1 Kg/cm<sup>2</sup>, or

(iii) Water is heated below 100°C

(If any of the above condition is fulfilled then the vessel is not a boiler)

### 4.2 ) Is it necessary to get the boiler registered?

---

Yes. As per section 7 of Boilers Act – 1923 it is mandatory to get the boiler registered.

### 4.3 ) What is the procedure of registration of a boiler?

---

Inspecting Authority of manufacturing State issues drawings and certificates (Form-II, III, IV-A & III-C) of boilers. Application for registration of boiler along with above documents, fee for registration through challan & ownership undertaking are to be submitted to Boiler Inspectorate. In case of big boilers requiring assembly & welding at site, details of appropriate class of boiler erector with consent letter & technical capability is also to be submitted. The owner of Boiler may engage third party inspecting authority for inspection during erection who will submit certificate in Form –IIC to Chief Inspector of Boilers. Boiler Inspectorate shall carryout inspection & necessary tests and issue provisional orders within 48 hrs and registration number shall be issued within 30 by the Chief Inspector of Boilers.

### 4.4 ) What is the procedure for transfer of a boiler installed in other State & its further use in Himachal Pradesh ?

---

An application is to be submitted to Boiler Inspectorate, Himachal Pradesh for transfer of a boiler from other State for installation & its use in Himachal Pradesh. Alongwith application name of State from which transfer is sought, registry number of boiler, document in proof of purchase (money receipt/bill etc.) and ownership undertaking are to be submitted. After receipt of application, Memorandum of Inspection & Registration book are obtained from concerned Boiler Inspectorate & then ownership of boiler is recorded in favour of the applicant. Thereafter inspection & testing is carried out & boiler is permitted for use from the date of inspection & testing.

### 4.5 ) What is the validity period of certificate of a boiler?

---

For new boilers installed for the first time, the Provisional Order on FORM-V is issued valid for six months during which period steam test of Boiler is conducted and the certificate is issued on Form-VI. Thereafter, certificate for use of Boiler is issued for a period of one year after carrying out inspection/tests prescribed as per technical standards laid down in Indian Boiler Regulations – 1950 (IBR – 1950).

4.6 ) Is it mandatory to get the boiler inspected every year? Whether inspection can be offered before the due date ?

---

Section 6(c) of Boilers Act – 1923 prohibits use of a boiler after expiry of validity of its certificate. Hence, it is mandatory to get the boiler inspected before the expiry of validity period. If plant is forced shutdown due to other reasons, inspection of boiler can be arranged during the period of shutdown so that boiler may not be stopped again for annual inspection.

4.7 ) Is it necessary to get the boiler inspected from Boiler Inspectorate?

---

No. As per “Ease of Doing Business” policy of Government of India; inspection can be conducted by the Central Boiler Board approved Inspecting Authority/ Competent person/ Boiler Engineers registered with Chief Inspector of Boilers. The owners of boilers should opt for third party inspection of boilers so that the inspection of the boiler is conducted in time. The third party Inspecting Authorities approved for the State are as under:-

1. M/s Lloyds Register Asia, 63-64, Kalptaru Square, 6th Floor, Kpndivita Lane Off. Andheri Kurla Road, Mumbai-59 E-mail : delhi@lr.org,sunildutt.kaushik@lr.org Mobile 098186-60546, 011-43250250.
2. M/s Bureau Veritas (India) Pvt. Ltd, Marwah Centre, 6th Floor, Opp. Ansha Industrial Estate, K. Marwah Marg, Off. Saki Vihar Road, Andheri East, Mumbai-400072.
3. M/S ABS Industrial Verification, (India) Pvt. Ltd. 10th Floor, Lakhani Centrium, Sector 15, Plot no. 27, CBD Belapur(E), Navi Mumbai-14
4. M/s TUV India Pvt. Ltd (TUV Nord Group), 801, Raheja Plaza-1, LBS Marg, Ghatkopar (W) Mumbai-400086.
5. M/s Intertek India Pvt. Ltd,E-20, Block B1, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.
6. M/s TUV SUD South Asea Pvt. Ltd, TUV, SUD House, Off Saki Vihar Road, Saki Naka, Andheri (East) Mumbai-400072
7. M/s Vincottee International India Assessment Services Pvt. Ltd. A-49, FIEE Complex, Okhla Industrial Area, Phase-II, New Delhi-110020.
8. M/s HSB International (India) Private Ltd, Unit-404, 4th Floor, Ozone, Vikram Sarabhai Mills Compound, Sarabhai Road, Vadodara-390003 Gujarat.
9. Competent Person approved by the Central Boiler Board
10. State Competent Person approved by the State Govt.
  - (i) Sh. R.R. Patyal, Village Vihar, P.O. Rajhana, Tehsil Shimla (Rural) District Shimla H.P.
11. Boiler Engineers Registered with Chief Inspector of Boilers, H.P. (Small Boilers)
  - (i) Sh. Javed Ahmed, ( DOB-05.08.1991) S/o Sh. Ahmed Hussain, R/o Room No. 120/C 2nd floor, Gupta Property Developers Pvt. Ltd., New Town Baddi, District Solan H.P.
  - (ii) Naresh Kumar Sharma, ( DOB-03.06.1970), S/o Sh. Rameshwar Dass, Village Badhal, PO Bari, Tehsil Jaswan, District Kangra H.P.

The owner of the Boilers should check the validity of the Certificate of Inspecting Authority as well as the Competent person before placing the order for inspection of Boiler. The Inspecting Authorities will provide a copy of the Certificate issued by CBB and the Competent person shall also supply a copy of his Certificate along with Authorisation Card and Specimen signature before starting inspection work in the State. They shall abide by the provisions of Public Service Guarantee act of the State. The Memorandum of Inspection Book (MIB) shall be collected by the Competent person before inspection and returned after the inspection as per the provisions of Regulations.

4.8 ) Whether boiler has to be stopped if application for inspection of boiler is submitted before due date but Boiler Inspectorate does not fix a date for inspection?

---

As per provision of section 8(4) of the Boilers Act – 1923 Inspecting Authority has to carry out inspection within 15 days from the date of communication from the user of Boiler. Since Inspectorate of Boilers does not have

adequate manpower to inspect the Boilers, owners of boilers should opt for third party inspection of boilers/inspection by competent person/Boiler Engineer so that the inspection of the boiler is conducted in time before the expiry of current certificate for use of boiler.

4.9 ) Whether annual inspection of a boiler is compulsory if boiler is not to be used in future?

---

A valid certificate is mandatory for use of a boiler. If boiler is not to be use in future after expiry of validity, then annual inspection of boiler is not necessary. It is desirable to intimate to Boiler Inspectorate for not using the boiler in future.

4.10 ) What is the procedure to declare a boiler as condemned?

---

Unserviceable boiler has to be cut into pieces & scrapped so that same cannot be illegally used. Such scrapped boiler should be offered for physical inspection so that its registration may be cancelled & all States may be intimated.

4.11 ) Under what circumstances a boiler with valid certificate cannot be used?

---

A boiler with valid certificate cannot be used under following circumstances:-

? When any accident occurs to the boiler.

When boiler is shifted from its place to other place.

When any alteration, addition or renewal is made.

When Chief Inspector directs to make any alteration, addition or renewal.

When an order is sent by Boiler Inspectorate to owner that boiler or steam pipe line are in dangerous condition.

4.12 ) Whether prior approval is required for carrying out any repairs to boiler or pipe line. If Yes, why?

---

It is compulsory to take prior approval as per provision of section 12 & 13 of Act to carry out any repairs to boiler or pipe line so as to ensure quality of workmanship & use of standard material for the safety of boiler.

4.13 ) What action is required after accident in a boiler?

---

As per provision of section 18 of the Act, intimation of accident with full details must be submitted within 24 hours to Boiler Inspectorate & damaged boiler should not be used. Boiler Inspectorate shall carry out investigation & shall propose necessary repairs. After carrying out suggested repairs, inspection & necessary tests of boiler shall be carried out and boiler shall be permitted for further use.

4.14 ) What is steam pipe line?

---

“Steam pipe” means any pipe through which steam passes if

- (i) the pressure at which steam passes through such pipe exceeds 3.5 Kg/cm<sup>2</sup> above atmospheric pressure, or
- (ii) such pipe exceeds 254 millimetre in internal diameter and pressure of steam exceeds 1.0 Kg/cm<sup>2</sup> above

atmospheric pressure  
and includes in either of the above cases any connected fitting of steam pipe.

4.15 ) Whether it is compulsory to get prior approval for drawing of steam pipe line before installation. If yes, why?

---

Prior approval for drawing of steam pipe line is compulsory. As per requirement of service conditions (steam pressure & temperature), the design of pipe line & its material specification, gradient, drainage, support, arrangement of isolation for safety and capacity of safety valves etc. are checked as per technical standards prescribed in IBR-1950. Thus, the safety of pipe line is ensured so that it may not explode during use.

4.16 ) Whether it is compulsory to engage recognized boiler erector or boiler repairer for erection of a new boiler or repairs to a boiler ?

---

As per provision of regulation 392 of IBR – 1950, it is compulsory to engage a recognized boiler erector or boiler repairer of appropriate class. Recognised boiler erector or boiler repairer have experienced engineers, technicians, certified welders, proper tools and internal quality control system to ensure the quality of workmanship.

4.17 ) Whether any welder can be deployed for welding in boiler or pipe line?

---

No. As per provision of chapter 13 of IBR – 1950 welders are tested and certified for various grades of material & various test positions. Only appropriate class of welder having valid certificate can be deployed for welding work.

4.18 ) What is the validity period of certificate of a welder ?

---

The certificate is issued for a period of two years. Welder may again appear for test for renewal of his certificate on or after expiry of validity of his certificate. As per rules any person possessing welder certificate issued by other State can work in the State of Himachal Pradesh after getting his certificate endorsed by the Chief Inspector of Boilers after payment of prescribed fee.

4.19 ) Whether any engineer or operator can be engaged for operation of a boiler ?

---

No. As per provision of section 6(e) of the Act only certified Boiler Operation Engineers/Boiler Attendants are authorised to operate a boiler with following limitations:-  
Operation of boiler upto 200 Sq.metre heating surface area - By Second Class Boiler Attendant  
Operation of boiler upto 1000 Sq.metre heating surface area - By First Class Boiler Attendant  
Operation of boiler above 1000 Sq.metre heating surface area - By Boiler Operation Engineer(BOE)

4.20 ) Who conducts the examinations for Boiler Attendants & Boiler Operation Engineers?

---

Himachal Pradesh Government has not constituted Board of Examiners to conduct examinations for Boiler Attendants & Boiler Operation Engineers. Persons with minimum qualification & experience in boilers as

prescribed in rules may get their applications forwarded to other States to appear in the examination.

4.21 ) Whether persons passed in examination of Boiler Attendants or Boiler Operation Engineers from State other than Himachal Pradesh can work on boilers installed in Himachal Pradesh & whether their certificates are recognized in Himachal Pradesh State ?

---

Yes. As per rules any person possessing certificate issued by other State can work in the State of Himachal Pradesh after getting his certificate endorsed by the Chief Inspector of Boilers after payment of prescribed fee.

4.22 ) Where an appeal can be filed if a person is aggrieved by an order issued by Inspector under the Boilers Act – 1923?

---

If a person is aggrieved by an order of an Inspector he can file an appeal within 30 days from the date of issue of order to the Chief Inspector as per provision of section 19 of the Act. In case the person is not satisfied with the order of Chief Inspector, he may file an appeal to Central Government within 30 days against the order of Chief Inspector as per provision of section 20 of the Act.

4.23 ) What is the head of revenue to deposit fee through challan?

---

Fee for all activities under Boilers Act – 1923 and rules/regulations framed there under is to be deposited through E- challan in following receipt head of revenue:

0852 – Industries 07 –800 – Other receipts, 02 – Licence fee Treasury: Shimla-Capital Treasury

DDO code: CTO00-083 D.D.(Industries) Shimla

The website URL for e-payment is <https://himkosh.hp.nic.in/eChallan/> and login can be done either as guest or own login could be created. The website can also be accessed at URL <https://himachal.nic.in/> and then selecting e-Challan under the link e-services.

4.24 ) What are contact details of Boiler Inspectorate Himachal Pradesh?

---

Office of Chief Inspector of Boilers

Udyog Bhawan

Bemloe, Shimla-Himachal Pradesh Pin:- 171001.

Tel.No. 0177-2813414