

Directorate of Boiler

1. What is a Boiler?

“Boiler” means a pressure vessel in which steam is generated for use external to itself by application of heat which is wholly or partly under pressure when steam is shut off but does not include a pressure vessel-

- i) With capacity less than 25 liters (such capacity being measured from the feed check valve to the main steam stop valve);
- (ii) With less than one kilogram per centimeter square design gauge pressure; or
- (iii) In which water is heated below one hundred degrees centigrade.

2. When a boiler will come under the purview of the Boiler Act 1923?

A boiler will come under the purview of The Boilers Act-1923 when all the following conditions are satisfied:-

- (i) The capacity of the pressure vessel in which steam is generated for use external to itself by application of heat should be greater than or equal to 25 litres.
- (ii) The working Pressure should be greater than or equal to 1 kg/cm².
- (iii) Water should be heated at or above 100 degree centigrade.

3. What are the Statutory Acts, Rules and Regulation regarding boilers?

- 1) The Boilers Act-1923
- 2) Indian Boiler Regulations-1950
- 3) West Bengal Boiler Rules-1963
- 4) The Boiler Operation Engineers' Rule-2011
- 5) The Boiler Attendants' Rule-2011
- 6) West Bengal Economiser Rules.

4. What are the Statutory Norms when an owner wants to install or use a Boiler?

- i) The owner should purchase a boiler which is constructed as per the Indian Boiler Regulations-1950 and with relevant IBR certificate.
- ii) The owner should apply online for registration/erection of the boiler through
- iii) The owner should offer the boiler for inspection in different stages during erection.
- iv) The owner should get the certificate from the Directorate of Boilers to run the boiler.
- v) The owner should renew the certificate generally after one year.

5. Who can run or can be in charge of a Boiler?

- i) **Second Class Boiler Attendant** When Heating Surface area of the Boiler ≤ 200 m²
- ii) **First Class Boiler Attendant** When Heating Surface area of the Boiler ≤ 1000 m²
- iii) **Boiler Operation Engineer** can be in charge of a Boiler of any capacity.

6. What is the procedure for Registration./ Erection of Boiler?

To know the procedure click on <https://wbboilers.gov.in/Procedure-and-Comprehensive-List-Registration>

7. What is meant by Steam pipe?

Steam pipe means any pipe through which steam passes, if --

- (i) the pressure at which steam passes through such pipe exceeds 3.5 kilogram per square centimetres above atmospheric pressure; or
- ii) such pipe exceeds 254 millimeters in internal diameter and the pressure of steam exceeds one kilogram per square centimeters above the atmospheric pressure, and includes in either case any connected fitting of a steam pipe.

8. Who is the owner of a “Boiler”?

Owner includes any person possessing or using a boiler as agent of the owner thereof and any person using a boiler which he has hired or obtained on loan from the owner thereof.

9. What is Feed pipe?

Feed pipe means any pipe or connected fitting which is wholly or partly under pressure through which feed water passes directly to a boiler and which does not form an integral part thereof.

10. What is meant by Economiser?

Economiser means any part of a feed pipe that is wholly or partially exposed to the action of flue gases for the purpose of recovery of waste heat.

11. How to register a new Boiler / Economiser?

You have to apply online for Registration of Certificate of Boiler through this URL: <https://wbboilers.gov.in/applicant-login>

12. How to renew the certificate of Boiler/ Economiser?

You have to apply online for renewal of Certificate of Boiler through this URL: <https://wbboilers.gov.in/renew-wbboilers>

13. Whether any owner of a boiler can repair the boiler without taking permission from the Chief Inspector?

No structural alteration, addition or renewal shall be made to any boiler registered under this Act unless such alteration, addition or renewal has been sanctioned in writing by the Chief Inspector.

14. What is the time period to get certificate of Boiler?

Provisional Certificate: 15 days and Final Certificate: 6 months. Please visit the following URL for detail timeline <https://wbboilers.gov.in/Timeline>