

FAQ's

Select Department from List *

Director Boilers



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/cm², or (iii) Water is heated below 100°C (if any of the above condition is fulfilled then the vessel is not a boiler)

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.

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 Director of Boiler Punjab Jalandhar or Punjab Bureau of investment Promotion. 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. Director of Boiler / Punjab Bureau of Investment promotion shall carryout inspection & necessary tests within 30 days from the date of receipt of application & shall permit use of boiler from the date of inspection.

What is the procedure for transfer of a boiler installed in other State & its further use in Punjab?

An application is to be submitted to Punjab Bureau of Investment Promotion in case of a new unit or existing unit making new investments by way of expansion or to the Director of Boiler Punjab, Jalandhar for transfer of a boiler from other State for installation & its use in Punjab. Along with 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.

What is the validity period of certificate of a boiler?

Certificate of boiler is issued for a period of one year from the date of inspection after carrying out inspection/tests prescribed as per technical standards laid down in Indian Boiler Regulations – 1950 (IBR – 1950).

Is it necessary to get the boiler inspected from Director of Boiler or Punjab Bureau of Investment promotion?

(a) No. As per “Ease of Doing Business” policy of Government of India & self-certification scheme of boiler has been introduced by Punjab Government vide notification no Tech/DOB/BI/4166A dated 7.4.16. Owners of boilers may opt for this scheme. (b) Alternately Owner of the Boiler may get the boiler inspected from the Recognized Inspecting/Competent authorities Third Party agencies circulated by central Boiler Board vide letter no 20/29/2009 dated 12.4.2017 and as amended from time to time.

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 after expiry of validity period. If plant is forced shutdown due to other reasons, inspection of boiler can be arranged during the period of shutdown; i.e. before the validity of the certificate so that boiler may not be stopped again for annual inspection.

What are salient features of ‘Self Certification’ scheme of Punjab Government?

Few salient features are:- (i) Vide notification no. Tech/DOB/BI/4166A dated 07.04.2016, the Department of Industry & Commerce, Government of Punjab has laid ‘The Punjab Exemption of Boilers Regulations, 2016. (ii) All Boiler Operation Engineers (BOE) are authorized for inspection of boilers. No further registration of BOE is required for this scheme. (iii) Owner of a boiler may carry out inspection through his BOE

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 Director of Boiler has to carry out inspection within 30 days from the date of receipt of application. If Boiler Inspectorate does not carry out inspection, then owner of boiler is entitled to use the boiler as per section 10(1) of the Act.

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 Director of Boiler for not using the boiler in future.

What is the procedure to declare a boiler as condemned ?

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

Under what circumstances a boiler with valid certificate can not be used ?

A boiler with valid certificate can not be used under following circumstances:- (i) When any accident occurs to the boiler. (ii) When boiler is shifted from its place to other place (not applicable for portable boiler or boiler less than 20 square metre of heating surface area). (iii) When any alteration, addition or renewal is made. (iv) When Chief Inspector directs to make any alteration, addition or renewal. (v) When an order is sent by Boiler Inspectorate to owner that boiler or steam pipe line are in dangerous condition.

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.

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.

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/cm² above atmospheric pressure, or (ii) such pipe exceeds 254 millimetre in internal diameter and pressure of steam exceeds 1.0 Kg/cm² above atmospheric pressure and includes in either of the above cases any connected fitting of steam pipe.

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.

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/tackles and internal quality control system to ensure the quality of workmanship.

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.

What is the validity period of certificate of a welder ?

After successful test for a particular grade of material & welding position, 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.

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)

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

Punjab Government from time to time constitutes Board of Examiners to conduct examinations for Boiler Attendants & Boiler Operation Engineers. Persons with minimum qualification & experience in boilers as prescribed in rules may appear in the examination. Director of Boiler conducts examinations for Second Class Boiler Attendants, First Class Boiler Attendants & Boiler Operation Engineers.

Whether persons passed in examination of Boiler Attendants or Boiler Operation Engineers from State other than punjab can work on boilers installed in Punjab & whether their certificates are recognized in Haryana State?

Yes. As per rules any person possessing certificate issued by other State is required to submit his original certificate in Director of Boiler, Punjab which is duly endorsed & returned.

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.

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

Fee for all activities under Boilers Act – 1923 and rules/regulations framed thereunder is to be deposited through challan in following head of revenue: - 0230- Labour & Employment Steam Boiler Inspection 103- Fee for inspection Steam Boiler

Who is owner of 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.

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.

What is meant by Economizer?

Economizer 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.

WHAT ARE THE APPLICABLE FEES?

i) Regulation no. 385 of Indian Boiler Regulations prescribes following "Registration Fee" to accompany an application under Sub-section (1) of Section 7 of The Boiler Act, 1923:

For More Information Please click: <https://pbindustries.gov.in/webportal/uploads/7077083dac2c8966f676f53dd73d5478.pdf>

IS THERE ANY PRESCRIBED PERFORMA TO APPLY FOR BOILER INSTALLATION / ERECTION (BOILER REGISTRATION) AND BOILER RENEWAL

For performa click below:

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ARE THERE ANY TIMELINES PRESCRIBED FOR ISSUE OF BOILER INSTALLATION / ERECTION (BOILER REGISTRATION) AND BOILER RENEWAL?

Timelines have been attached under:-

For More Information Please click: <https://pbindustries.gov.in/webportal/uploads/d38aac3e946216471b8643e09ed26e2a.pdf>

WHAT ARE THE DOCUMENTS REQUIRED FOR ISSUE OF BOILER INSTALLATION / ERECTION (BOILER REGISTRATION) AND BOILER RENEWAL

List of Documents:

For More Information Please click: <https://pbindustries.gov.in/webportal/uploads/ddb1dbcf102f9c3e8a0a7c045edab703.pdf>

WHAT ARE THE COMMON PROBLEMS OBSERVED DURING ISSUE OF BOILER INSTALLATION / ERECTION (BOILER REGISTRATION) AND BOILER RENEWAL

(a) Design calculations not meeting requirements of IBR (b) Material Test Certificates not produced (c) Boilers Form II, III, IV delayed (d) Incorrect test pressures (e) Failure to involve an Inspecting Authority during boiler erection/installation (f) Boiler erection entrusted to ineligible persons (g) Incorrect/incomplete filling of relevant IBR forms (h) Welder qualification and certification as per IBR 1950 not adequate. (i) Fee not submitted. (j) Lack of knowledge about IBR certification and their importance. (k) Boiler not offered for renewal of licenses.

What are contact details of Director of Boiler Punjab, Jalandhar/ Punjab Bureau of Investment Promotion ?

1. Satbir Singh, Director of Boiler Punjab cum Chief Inspector of Boiler Punjab at Jalandhar. 2. Vishav Bandhu, Deputy Director (Boilers), Office of Punjab Bureau of Investment promotion, Udyog Bhawan sector 17 Chandigarh,

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