

BOE

BOE- Boiler operation Engineers'

The owner/ person of a single boiler or two or more boilers connected in a battery or of many separate individual boilers situated within the radius of 50 meters having the total heating surface exceeding one thousand square meters in any of the case shall not use or permit to use the boilers unless he possess a certificate of proficiency as a Boiler Operation Engineer under Boiler Operation Engineers' Rules 2011

Age, qualification and experience:-

- A candidate for a certificate of proficiency as a Boiler Operation Engineer shall not be less than *twenty three years* of age.
- He should possess a degree or diploma in mechanical or electrical or chemical or power plant or production or instrumental engineering from a recognized Institution.
- He should have served not less than two years in case of degree holders, five years in case of diploma holders in the operation and maintenance of a boiler of not less than 1000 square meters heating surface or a battery of boilers of not less than 1000 square meters heating surface aggregate out of which at least one boiler of not less than 500 square meters heating surface.
- For degree holders or post graduate diploma holders from National Power Training Institute, requirement of minimum working experience shall be one year.

Applying:-

1. Application for examination shall be in 'Form A' which should be filled by the candidate and signed by him before the Gazetted Officer/ Magistrate.
2. The Application filled shall be forwarded to the Secretary accompanied by

- One attested copy of each of the testimonials in respect of academic qualifications, and originals along with their copies for practical experience of the candidate. All originals in respect of academic qualifications will be produced at the time of interview.
- Testimonials of good character from his employer with certificate of age
- A treasury challan or such other mode as the Government may specify
- Two copies of recent passport size photographs signed at the back, duly attested by the Gazetted Officer/candidate's employer

Fees for examination:-

- A candidate for a certificate of proficiency as a Boiler Operation Engineer shall pay fees of rupees 1500

BAE

BAE- Boiler Attendant Examination

There shall be two classes of certificates of competency granted under these Rules namely:

- First Class Boiler Attendant certificate
- Second Class Boiler Attendant certificate

The owner/ person of a single boiler with steam pipes of any type or capacity of two or more boilers connected in a battery or of many separate individual boilers situated within the radius of 30 meters having the total heating surface not exceeding one thousand square meters in any of the case shall not use or permit to use the boilers unless he possess a certificate of competency as a First Class Boiler Attendant under Boiler Attendant Rules 2011

The owner/ person of a single boiler with steam pipes of any type or capacity of three boilers connected in a battery having the total heating surface not exceeding two hundred square meters aggregate in any of the case shall not use or permit to use the boilers unless he possess a certificate of competency as a Second Class Boiler Attendant under Boiler Attendant Rules 2011

Age, qualification and experience for First class Boiler Attendant:-

- A candidate for a certificate of competency as a First Class Boiler Attendant shall not be less than *twenty years* of age
- He shall have served for not less than two years as Boiler attendant with second class certificate of competency as sole working charge of a boiler whose heating surface not less than fifty square meters; or

- Shall produce from a head of an industrial or technical institute, a certificate stating that he has completed three years course of training, one year of which must have been as an apprentice in a steam power plant of a mill or a factory or an engineering workshop where engines and boilers are repaired or made and in addition has served for not less than one year as sole working charge of a boiler whose heating surface not less than fifty square meters with second class certificate of competency; or
- Shall have worked for not less than two years as fireman or assistant fireman with second class certificate of competency under the charge of First class Boiler Attendant on boiler having heating surface not less than fifty square meters

Age, qualification and experience for Second class Boiler Attendant:-

- A candidate for a certificate of competency as a Second Class Boiler Attendant shall not be less than *eighteen years* of age
- He shall have served for not less than two years, in the capacity of Fireman or Operator or an Assistant fireman or an Assistant f Operator; or
- He shall have served for not less than three years as a fitter where Boilers are manufactured or erected, operated or repaired. Out of this he shall have served as an Assistant fireman for at least one year; or
- He shall have served for not less than two years on small industrial boilers, in case of Industrial Training Institute certificate holder.

Applying:-

1. Application for examination shall be in 'Form A' which should be filled by the candidate and signed by him before the Gazetted Officer/ Magistrate.
2. The Application filled shall be forwarded to the Secretary accompanied by
 - One attested copy of each of the testimonials in respect of academic qualifications, and originals along with their copies for practical experience of the candidate. All originals in respect of academic qualifications will be produced at the time of interview.

- Testimonials of good character from his employer with certificate of age
- A treasury challan or such other mode as the Government may specify
- Two copies of recent passport size photographs signed at the back, duly attested by the Gazetted Officer/candidate's employer

Fees for examination:-

- A candidate for a certificate of competency as a First Class Boiler Attendant shall pay fees of rupees 500
- A candidate for a certificate of competency as a Second Class Boiler Attendant shall pay fees of rupees 300

WELDING

No welder shall be engaged on welding of boilers or steam pipes under construction, erection or fabrication at site or in the repair of boilers or steam pipes, unless he possesses a certificate as required under chapter thirteen of Indian Boiler Regulations

Age and Experience:-

- A candidate wishing to qualify for a certificate under Indian Boiler Regulations shall not be less than eighteen years of age
- He shall have undergone a regular apprenticeship from a recognized Industrial Training Institute or one year regular apprenticeship from an Industrial organization followed by at least one year regular on job experience as a welder in a workshop or industry.

BOILER TESTING, TRAINING AND EXAMINATION CELL

(ESTABLISHED IN THE YEAR 1995)

Aim and Objective:-

To conserve fuel and efficient use of steam, the boiler using industries started installing high pressure boilers. The high-pressure boilers, the technical skill of the operating personnel, erection personnel, and pressure parts manufacturers should be of highest order. Hence, to train these personnel and also verify the design and drawings of these pressure parts, suitability of materials used, welding technique to be adopted and welding consumable to be used, a separate wing called Boilers Testing Training and Examination Cell was created in the year 1995. This Boiler Testing Training and Examination Cell have rendered a commendable service ever since its creation and have published boiler attendant training manuals etc.

Activities of BTTEC: -

- To examine the design of boilers and connected steam pipeline manufactured in other Countries
- To examine the design of boilers and to approve the pressure parts modification proposals, in order to improve the efficiency and steam generating capacity of boilers.
- To approve the design, drawing of small industrial boilers and to inspect them during manufacturing.
- To inspect the Boiler pressure parts subjected for repairs and replacement during manufacturing.
- To verify and approve the design and flexibility analysis of high pressure steam line piping
- To conduct periodical testing of welding electrodes.
- To conduct Welder's examination for initial and requalification.
- To conduct examination in order to issue certificates of competency as a First Class Boiler Attendants and Second Class Boiler Attendants

