

INSPECTORATE OF BOILERS, ASSAM
BOILER OPERATION ENGINEERS' EXAMINATION, 2024

NOTIFICATION

As per the Boiler Operation Rules, 2021 framed under the Boilers Act, 1923, Applications are invited from the candidates for Boiler Operation Engineers (BOE) Examination for the year 2024.

QUALIFICATIONS & ELIGIBILITY CRITERIA FOR APPEARING BOE EXAMINATION

A candidate for a certificate of proficiency as Boiler Operation Engineer (BOE) shall not be admitted to the examination unless he/she –

- Has completed the age of 23 (Twenty Three) Years as on 1.1.2024.
- Possesses a degree or diploma in Mechanical or Electrical or Chemical or Power Plant or Production or instrumentation Engineering from a recognized university or Institution.
- Has served not less than 2 (Two) years in case of degree holders and for 5 (five) years in case of diploma holders in the operation or maintenance of a Boiler of not less than 1000 m² (one thousand square meters) heating surface or a Battery of Boilers of not less than 1000 m² (one thousand square meters) heating surface in aggregate out of which at least one boiler of not less than 500 m² (five hundred square meters) heating surface.
Provided that in case of a degree holder or post graduate diploma holder from National Power Training Institute, the requirement of minimum working experience shall be 1(one) year.

Note: 1) Applicants employed in Central Govt. /State Govt. /PSU s must inform their employer in writing before applying.

2) All experiences must be related to Boiler, which are to be furnished in original on the letter Head of the Concerned Organisation.

EXAMINATION FEE: Rs 2000/- (Two Thousand) is to be deposited through eGras portal i.e. www.assamegras.gov.in

Written & Viva-Voce Examination Dates: To be notified later on.

Examination Centre: Guwahati only.

Written Examination shall contain the Following papers:

Paper-1, Paper-2, Paper-3 (Drawing)

Documents required at the time of submission of Application:

- Self attested copy of all relevant documents regarding educational Qualification.
- 2 copies of recent passport size photograph.
- Application form of the applicant & Experience certificate in Original on the Letter Head of the Concerned Organization in Annexure -I
- One self addressed envelope with postage stamp of Rs 5/- duly fixed.
- Treasury Copy or Online copy of Challan regarding payment of fees.

Necessary application form has to be downloaded from website: www.cib.assam.gov.in. Applications duly filled in should reach the Chairman, Board of Examiners, for Boiler Operation Engineers Examination, Office of the Chief Inspector of Boilers, Assam, Lalmati, Guwahati-29, Assam on or before **23/02/2024**.


24/1/2024
CHAIRMAN

BOARD OF EXAMINERS FOR BOILER OPERATION ENGINEERS EXAMINATION
OFFICE OF THE CHIEF INSPECTOR OF BOILERS, ASSAM
NEAR BRAMHAPUTRA BOARD, NH-37, GUWAHATI

*Chairman
Boiler Operation Engineer's Exam Board
Assam*

No.

FORM "A"

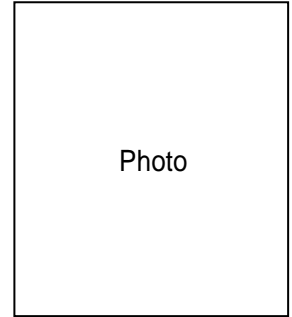
[See rules 26 and 41 of the Boiler Operation Engineers Rules, 2011]

APPLICATION FOR CERTIFICATE OF PROFICIENCY AS BOILER OPERATION ENGINEER

PART-I

Name etc of the applicant

1.	Name in Full		
2	Father's Name		
3	Nationality		
4	Date & Place of Birth		
5	Permanent Address		
6	Identification Marks		
7	Height & Weight	Height... cm	Weight.....Kg
8	Contact No.		
9	E-mail Address		
10	Whether appeared in any previous examination		
11	If so, details of place and date		
12	GRN No..... Date..... Amount Rs.....		



PART-II

PARTICULARS OF ALL CERTIFICATES SUBMITTED

Number of the Certificate	Class of certificate	Place of Issue	Date of Issue	If at any time Suspended or cancelled, and if so state by whom	Date of suspension or cancellation	Reasons of suspension or cancellation
1	2	3	4	5	6	7

Signature of the Applicant

PART-III

LIST OF TESTIMONIALS AND STATEMENTS OF SERVICE

(The testimonials to be numbered serially corresponding to the numbers given in column 1 below)

Serial number of testimonials	Date of testimonials	Name of person signing the testimonials	Address and designation of factory or workshop where employed	Number, Type and heating surface of boilers worked on	Capacity in which employed	Service of Applicant		Period for which employed			Not to be filled in by the applicant	
						Date of commencement	Date of termination	Years	Months	Days	Initial of verifier	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13
Total Service												
Time served for which certificates are produced												
Time Served for which no certificates are produced												

Signature of the Applicant

PART-IV
DECLARATION TO BE MADE BY THE APPLICANT

I do hereby declare that the statements made in Part I, II, and III of this Form are correct and true to the best of my knowledge and belief; and that the papers enumerated in Part II and submitted with this form are true and genuine documents and further that the copies of the documents submitted with this form are true and correct. I further declare that the statements made in Part III contain a true and correct account of the whole period of my service without exception, and I make this declaration conscientiously believing the same to be true.

Date at this day of 20

Signed in the presence of Signature of the applicant

Present Address:

.....

Signature.....

Designation.....

- Note:**
- 1. Every application must be accompanied with original challan for Rs 2000/-remitted in any treasury in Assam only.
 - 2. Two copies of recent passport size Photograph of the applicant must accompany the application with applicant’s signature on the back thereof ,duly attested by a Gazetted Officer or the candidate’s employer.
 - 3. Any person making a false statement for the purpose of the admission to the examination renders himself liable to prosecution.
 - 4. Incomplete application is liable to be rejected.

PART-V
(Not to be filled by the applicant)

Certified that Shri.....has been examined for Certificate of Proficiency as Boiler Operation Engineer and that he **passed/failed** in the examination held during.....

Issue of Certificate of proficiency as Boiler Operation Engineer when certified to have passed Certificate No.....issued on.....and duplicate recorded.

Secretary
Board of Examiners

(Annexure-I)

Draft Format of practical experience certificate/service certificate and Testimonials of good character with age from the employer

(To be issued on the letter head of the concerned mill / factory /workshop)

SERVICE / EXPERIENCE CERTIFICATE

This is to certify that Sri
.....aged.....S/o.....was/is
working in our organization as..... (designation)
from.....to.....The specification of the boiler/boilers on which the candidate
is working/ worked are as follows :

SI No.	Specification	Boiler 1	Boiler 2	Boiler 3	Boiler 4
1	Registration No. of Boiler				
2	Date of Boiler Registration/ date of first P.O. issued				
3	Working Pressure (Kg/cm ²)				
4	Heating Surface (m ²)				
5	Type of Boiler				

He bears good conduct and character.

This certificate is issued to Sri.....appears for Boiler Operation Engineers examination.

Signature:

Name & Seal:
(Under whom candidate is employed)

Contact No:

E-mail address:

Place :

Date :

SYLLABUS/CURRICULAM FOR THE EXAMINATION

Syllabus for the three written examination papers on which the candidates shall be assessed are as given below:

PAPER-1:

- a) Can calculate loads, areas, volumes, quantities and weights;
- b) Can give description of the principal types of steam boilers used on land and to state the purposes and reasons for which different types of boilers are employed; and from the data and formulae supplied, calculate the safe working pressure for any part of a boiler in accordance with the Indian Boiler Regulations;
- c) Can calculate the direct stress, the torsional stress and the bending stress in round bars and shafts and the bending stress in rectangular bars and levers with given load;
- d) Understands the working and management of steam boilers, super heaters and economizers;
- e) Understands the use and purpose of various valves,cocks,mountings, fitting and other safety devices;
- f) Can give a description of and explain the functions of feed pumps, feed injectors, feed regulators,feed water filters and softeners , feed heaters, air heaters, calorifiers, steam accumulators, forced draught , induced draught and automatic draught control devices;
- g) Can answer questions on fact relating to combustions, heat and steam and calculate consumption of coal and water and quantity of steam that may be generated from a given heating surface under the various systems of draught, in any land boiler and also calculate the overall efficiency of boiler plant;
- h) Can explain jet and surface condensation, reheating and the working of steam expansion;

PAPER-2:

- a) Can explain the general methods employed in laying foundation for boilers and chimneys and the suitable area and height of chimneys to promote efficient combustion.
- b) Can explain the significance of principal appliances in use for the prevention of smoke and the principal on which they work and give description of the principal mechanical stokers, pulverisers, gas,oil and pulverized fuel systems in use;
- c) Understands the need for periodical cleaning, the methods used for prevention of scale or other deposits on heating surfaces and the necessity for maintaining a certain PH value in feed water;
- d) Can detect defects in boilers and state the means and methods of rectifying them.
- e) Understands the precautions to be taken for starting a boiler and economizers from cold or from banked fire condition.
- f) Understands the procedure to be adopted in putting economizers out of commission while the boiler is on steam.
- g) Can explain the methods adopted for the achievement of fuel economy and the use of various instruments used in a Boiler House;
- h) Materials used in Boiler components and piping; and

PAPER-3:

Can read and prepare a working sketch and drawing of Boilers and boiler mounting or parts thereof.