

No.

FORM "A"

[See rules 26 and 42 of the Boiler Attendants' Rules-2011]

APPLICATION FOR CERTIFICATE OF COMPETENCY AS BOILER ATTENDANT CLASS-I/ CLASS-II

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 | Challan No. /GRN No. : | | |
| | Date..... | | |
| | Amount Rs..... | | |

Affix Passport
Size Photo

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 |
| | | | | | | |
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| | | | | | | |

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.....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 Competency as **First Class/Second Class** Boiler Attendant and that he **passed/failed** in the examination held during.....

- Personal identification mark on Body.

Signature of Board of Examiners

Issue of Certificate of competency as First Class/Second Class Boiler Attendant when certified to have passed Certificate No.....issued on.....and duplicate recorded.

**Secretary
Board of Examiners**

(Annexure-I)

(For candidate working within Assam)

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 Sriaged.....S/o.....was/is working in our organization as a fireman/asst fireman/operator/asst operator/2nd Class Boiler Attendant 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 1st Class/2nd Class Boiler Attendant examination.

Signature:

Name & Seal:

(Under whom candidate is employed)

Contact No:

E-mail address:

Place :

Date :

Annexure-II

ABILITY, CONDUCT AND EXPERIENCE CERTIFICATE/N.O.C

(For candidate working outside Assam)

Name of the Employee :

Designation :

Date of Birth :

Educational Qualification :

Date of Joining :

Details of Experience in Boiler

Mr.....is/was working in the capacity of Apprentice/Fireman / Assistant fireman/Operator/Assistant Operator/ 2nd Class Boiler Attendant in the following Boiler/Boilers fromto

Details of Boilers

| Boiler Regn. No | Make | Type | Capacity (TPH) | Working Pressure (Kg/cm ²) | Heating Surface (m ²) | Fuel Used |
|-----------------|------|------|----------------|--|-----------------------------------|-----------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

M/s(occupier's Name) has no objection to the above employee appearing for the Boiler Attendants Competency Examination conducted by Inspectorate of Boilers, Government of Assam.

Certified that the best of our knowledge and belief , Mr.....bears good character and conduct.

Signature & Seal of the Head of Department
to which boilers are attached

Countersigned by Chief Inspector of Boilers/Director of Boilers

(.....State)

Syllabus for First Class Boiler Attendant:
(As per Rule-34 of Boiler Attendant Rules, 2011)

A Candidate in order to be qualified for a certificate of competency of the First Class, shall satisfy the examiners that in addition to the subject specified for candidates for certificate of competency of the Second Class, he has at least a rudimentary knowledge of the principal elementary facts relating to combustion, heat and steam; and that he is able to explain inter alia-

- a) the working and management of steam boilers, super heaters and economizer;
- b) the use and purpose of various valves, cocks, mounting fitting and other mountings fitting and other safety devices;
- c) Description and the functions of feed pumps, feed injector, feed regulators, feed water filters and softeners, feed heaters, air heaters, calorifiers, steam accumulators, force draught, induced draught and automatic draught control devices.
- d) Answer to question on fact relating to combustion, heat and steam and calculate consumption of coal and water and quantity of steam that may be generated from a given grate area of heating surface under the various systems of draught, in any land boiler and also calculate the overall efficiency of boiler plant;
- e) The significance of principal appliance in use for the prevention of smoke and the principle on which they work and give description of the principal mechanical strokes, pulverizers, gas, oil, and pulverized fuel systems in use;
- f) The need for periodical cleaning, the methods used for prevention of scale or other deposits of heating surfaces and the necessity for maintaining a certain PH value in feed water;
- g) detection of defects in boilers and state the means and methods of rectifying them;
- h) the precautions to be taken for starting a boiler an economizer from cold or from bankedfire condition;
- i) the procedure to be adopted in putting an economizer out of commission while the boilers on steam;
- j) the methods adopted for the achievements of fuel economy and the use of various instruments used in a Boiler House.
- k) the principal causes and effects of corrosion and incrustation and the usual remedies employed;
- l) the object of the use of water softeners;
- m) the principles on which feed pumps and injectors work;
- n) the principles on which appliances for the prevention of smoke works; and

the purpose of super-heaters, economizers, feed heaters, feed filters, forced and induced draft appliances and mechanical stokers.

Document to be submitted along with the application form :

1. Copy of 2nd Class Boiler Attendant Certificate.
2. Experience certificate in original on the letter head of the concerned mill/factory/workshop.
3. 2(Two) copies of recent self attested passport size photographs of the applicant duly signed on the back side.
4. NOC in original (for candidate working outside Assam).
5. Fee amounting to **Rs 500/-** into Treasury Challan or online copy of challan.
6. One self addressed envelope with postage stamp of Rs 5/- duly fixed.

Syllabus for Second Class Boiler Attendant:
(As per Rule-33 of Boiler Attendant Rules, 2011)

A candidate, in order to be qualified for a certificate of competency of the Second Class, shall, inter alia, satisfy the examiners that;

(a) The applicant clearly understands-

- i. the working and management of a steam boiler and economizer;
- ii. the use and purpose of the various valves, cocks, mountings and fitting;
- iii. the precautions to be taken and procedure to be observed before starting fires and when raising steam;
- iv. the use of a feed pump and injector;
- v. the reading of the pressure gauge;
- vi. the need for periodical cleaning and pure water supply and prevention of scale or other deposits on heating surfaces;
- vii. the need for periodical inspection of boilers and the manner in which they should be prepared for thorough inspection, hydraulic test and steam test;
- viii. the precautions to be taken before entering or allowing any person to enter a boiler that is connected to another boiler under steam;
- ix. the use of the best means of firing for the prevention of smoke;
- x. the danger of water lodging in steam pipes and the precautions to be observed in draining;
- xi. the procedure to be followed in the event of shortage of water, bulging or fracture of furnaces of flat plates or bursting of tubes or of any accident to a boiler or steam pipe;
- xii. precautions to be taken when starting an economizer to work after a period of rest; and
- xiii. procedure to be adopted in bringing an economizer in to commission and also for putting it out of commission while the boiler is on steam; and that

(b) The applicant is able-

- i. to stoke a boiler including cleaning and banking fires in a workmanlike manner;
 - ii. to show how avoidable smoke may be prevented;
 - iii. to blow through and test the correctness of water gauge glasses and test cocks;
 - iv. to replace a gauge glass and show how a false water-level might be shown;
 - v. to ease a safety valve and use a blow down cock or valve;
 - vi. to adjust a high steam and low water safety valve and renew a fusible plug;
 - vii. to pack pump or valve chest glands;
 - viii. to grind and adjust cocks and valves;
 - ix. to take a feed pump or injector to pieces and replace in working order; and
- to handle appliances provided for keeping the economizer clean.

Document to be submitted along with the application form :

1. Self Attested copy of HSLC or equivalent examination Pass Certificate.
2. Experience certificate in original on the letter head of the concerned mill/factory/workshop.
3. 2(Two) copies of recent self attested passport size photographs of the applicant duly signed on the back side.
4. NOC in original (for candidate working outside Assam).
5. Fee amounting to **Rs 300/-** into Treasury Challan or online copy of challan.
6. One self addressed envelope with postage stamp of Rs 5/- duly fixed.