

No.

FORM "A"

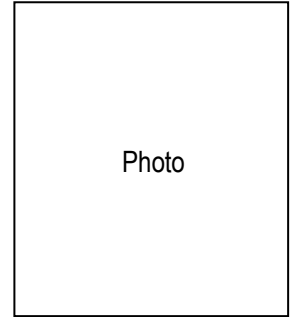
[See rules 26 and 42 of the Boiler Attendants' Rules-2011]

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.		
	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

(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 Sri
.....aged.....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 :

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 devises;
- 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 variousinstruments used in a Boiler House.
- k) the principal causes and effects of corrosion and incrustation and the usual remediesemployed;
- 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 photographs (size 50 mm x 65 mm) of the applicant duly signed on the back side.
4. NOC in original (for candidate 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 photographs (size 50 mm x 65 mm) of the applicant duly signed on the back side.
 4. NOC in original (for candidate outside Assam).
 5. Fee amounting to **Rs 300/-** into Treasury Challan or online copy of challan.
- One self addressed envelope with postage stamp of Rs 5/- duly fixed.

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)