

BOILER ATTENDANT'S COMPETENCY EXAMINATION -2018

The Board of Examiners for the Boiler Attendant's Competency Examination (constituted as per G.O.(P) No. 60/2017/LBR Dated 18/07/2017 met on 25/05/2018 and decided to conduct Boiler Attendant's Competency Examination. As required under Rule 21 of the Boiler Attendant's Competency Examination Rules - 2011, a Gazette Notification in this regard has to be issued for the information to the public

NOTIFICATION

DEPARTMENT OF FACTORIES AND BOILERS, KERALA STATE BOILER ATTENDANT'S COMPETENCY EXAMINATION - 2018

T2/4583/2018/F&B/BACE Thiruvananthapuram Dated 30-05-2018

It is hereby notified as required under Rule 21 of The Boiler Attendant's Rules 2011 that the Boiler Attendant's Competency Examination for the grant of Boiler Attendant's Competency Certificate for Second class will be held on 8th, 9th&10th August 2018 (Written, Oral and Practical Examinations) and the First class will be held on 27th, 28th&29th September 2018 (Written, Oral and Practical Examinations). Applications are invited from eligible candidates in the prescribed form.

1. The application form along with the instructions to candidates is available in the official website www.fabkerala.gov.in. Applicants are requested to fill all mandatory columns one by one and attach soft copies of the relevant testimonials. After finishing online entries take a print out of the completed application and submit with copy of all the testimonials, signed as instructed in the application to **"The Secretary, Board of Examiners, Office of the Director of Factories and Boilers, Suraksha Bhavan, Near A.J.Hall, Kumarapuram, Medical College P.O. Thiruvananthapuram - 695 011, Kerala"**.
2. Examination fee shall be Rs.500/-, Rs.300/-, respectively for the First class and Second Class examination. The remittance of fee shall be done through net banking under the **Head of Accountant "0230-00-800-96"** (Fee for the Boiler Attendant Competency First Class & Second Class). Detailed instructions are available along with online application. Fee once remitted will not be refunded under any circumstances.
3. Exact time/place and mode of examination will be notified in the website
4. The online application addressed to the Secretary will be received from 7/06/2018 to 23/06/2018 till 5pm and hardcopies of the application will be received till 30/06/2018 to the address mentioned in (1) above. Late applications will not be considered under any circumstances.

Sd/-

Director of Factories & Boilers &
Chairman Board of Examinations

TESTIMONIALS

- 1) Candidates have to produce relevant testimonials certifying his or her experience, ability and good conduct for the whole period of the qualifying service or any unaccounted break in the period of qualifying service. Such testimonials shall clearly state the capacity in which the candidate was employed viz., as an Apprentice/Attendant/Fireman/Assistant Fireman or II Class Boiler Attendant etc., and the periods of such employment stating the dates between which the candidate was so employed.
- (2) The testimonial shall be signed by a person under whom the candidate was employed and be counter-signed by the owner or agent of the mill, factory or workshop or by such other persons as the Government may prescribe in this behalf.
- (3) Candidate who have undergone a course of training at an Industrial Training Institute or Technical Institution must produce either the certificate/course certificate from the Principal or Superintendent of the Institution stating the period devoted in completing the course.
- (4) A testimonial in respect of service in a steamship may be signed by the Chief Engineer and counter-signed by the master of the vessel or may be in the form of a seaman's discharge certificate issued by a Shipping Master.
- (5) A testimonial of service rendered on railway boilers or boilers belonging to a Government Department or local bodies shall be signed by a responsible officer under whom the candidate has directly served and counter-signed by the head of the Department concerned.

Eligibility Criteria for Boiler Attendants' Examination:

First Class Boiler Attendants' Eligibility Criteria

(As per Boiler Attendants' Rule,2011)

1. **Qualification** :Second Class Boiler Attendant Certificate
2. **Experience** :2 years experience as boiler attendant holding Second Class Certificate of Competency with sole working charge of aBoiler having heating surface not less than 50 square meter

Or

3 years Training Certificate including one year apprentice in boiler related job and one year service with Second class Certificate of Competency with boilerhaving heating surface greater than 50 square meters.

3. **Age** :Not less than 20 years
4. **Ability and Conduct Certificate** :From the Employer.
5. **Fees** :Rs.500 as e-payment through online.
6. **Documents** :One set of self attested copy of all relevant documents.
- 7 **Countersigned Experience Certificate** : Experience certificate (Model attached) from Employer countersigned by The Inspector of Factories& Boilers/Joint Director of the State and from Chief inspector of Boilers/Deputy Chief Inspector of Boilers for the candidates belonging to other States.

Second Class Boiler Attendants' Eligibility Criteria

(As per Boiler Attendants' Rule,2011)

1. **Qualification** :Matriculation or equivalent
2. **Experience** :2 years experience as Fireman or Assistant Fireman or Operator or Assistant Operator of a steam boiler
Or
3 years as Fitter where boilers are manufactured or erected or operated or repaired out of which he should have served as Assistant Fireman for at least for one year
Or
2 years experience in Small Industrial Boiler for ITI certificate holders
3. **Age** : Not less than 18 years
4. **Ability and Conduct Certificate** : From the Employer.
5. **Fees** : Rs.300 as e-payment through online.
6. **Documents** :One set of self attested copy of all relevant documents.
7. **Countersigned Experience Certificate** : Experience certificate (Model attached) from Employer countersigned by The Inspector of Factories& Boilers/Joint Director of the State and from Chief inspector of Boilers/Deputy Chief Inspector of Boilers for the candidates belonging to other States

SYLLABUS FOR EXAMINATION

Syllabus of First Class Boiler Attendant Examination:

- (a) Working and management of steam boiler, super-heater and economiser.
- (b) Use and purpose of various valves, cocks, mountings, fittings and safety devices.
- (c) Description and function of BFP, feed injector, feed regulator, feed water filters and softeners, feed heaters, air heaters, clarifiers, accumulators, F.D.Fans, I.D.Fans . Draft system and draft control devices.
- (d) Combustion system, Overall efficiency of boiler.
- (e) Description and principles of stokers, pulverisers, gas. Oil and pulverized fuel systems.
- (f) Cleaning method of boiler, PH value of water.
- (g) Detect defects in boiler and remedial measures.
- (h) Start up of boiler, economiser.
- (i) Putting out of economiser.
- (j) Instrumentation of boiler
- (k) Cause and effect of corrosion of boiler.
- (l) Use of water softener
- (m) Principles on which feed pump and injector works.
- (n) Prevention of smoke
- (o) Purpose of super-heater, economiser, feed heater, Forced and induced draft appliances and stokers.

Syllabus for Second Class Boiler Attendant:

Understands (a):-

- (i) Working and management of steam boiler and economiser
- (ii) Use and purpose of valves, cocks, mountings and fittings
- (iii) Precautions for light up of boiler
- (iv) Use of feed pump and injector
- (v) Reading of pressure gauges
- (vi) Cleaning of boiler
- (vii) Preparation of boiler for inspection, hydraulic test and steam test.
- (viii) Precautions for isolation of boiler
- (ix) Prevention of smoke in boiler
- (x) Venting and draining of steam pipe
- (xi) Precaution in cases of shortage of water, bulging, bursting of tubes etc.
- (xii) Starting of an economiser.
- (xiii) Putting out of economiser.

(b) :He/She shall be able to clean the boiler, and have sufficient skill in the Maintenance of mountings and fittings, Replacement of mountings and fittings, Replacement of valves and cocks etc.

Oral & Practical Test of Boiler Attendants' Examination:

- 1) Oral examination pertaining to boiler working practices
- 2) Identification etc of boiler fittings & accessories if required.

SCHEDULE OF EXAMINATIONS

1	Second class Boiler Attendant's Competency examination (Written, Oral& Practical)	8 th , 9 th & 10 th August 2018
2	First class Boiler Attendant's Competency examination (Written, Oral& Practical)	27 th ,28 th &29 th September 2018

How to apply?

The application form along with the instructions to candidates is available in the official websites www.fabkerala.gov.in

The screenshot displays the official website of the Department of Factories & Boilers, Government of Kerala. The page features a navigation menu with options like Home, Department, Orders, Examination, Tenders, RTI/RTS, Downloads, Contact Us, Links, and a language selector. A central banner shows a large industrial boiler component. Below this, a 'Welcome to Department of Factories and Boilers' message is displayed. A section lists key officials: Shri. Pinarayi Vijayan (Hon'ble Chief Minister of Kerala), Shri. T.P. Ramakrishnan (Hon'ble Minister for Labour & Skills), Shri. Tom Jose IAS (Additional Chief Secretary, Labour & Skills), and Shri. Pramod (Director, Factories & Boilers). On the right, there are buttons for 'Public Login', 'Office Login', and 'Licence Verification'. A sidebar on the right contains a 'Budget Estimate NEW!' section with a list of updates and a 'mail ID for queries related with online services: it@fabkerala.gov.in'. At the bottom, there are icons for 'Photo Gallery', 'Complaints', 'Mail Login', and 'Feedback Form', along with a 'Visitors Counter' showing 456556.

The following things must be kept ready before registering online

- a) Scanned copy of Photo, Signature in 'jpeg' format.
- b) The size of the above items should not exceed the following **Photo-pixel size (138X177)-100kb, Signature-50kb, Thumb impression- 50kb**
- c) All other documents must be in 'pdf' format and should not exceed **1MB**
- d) Online payment for remitting fee (**Rupees. 300/500 for Second Class and First Class exam respectively under Head of Account "0230-00-800-96"**) online.

SUBMISSION OF HARD COPY OF APPLICATION

The printout of the application signed by the applicant shall be forwarded to the Secretary in the following address.

**The Secretary, BAC Board of Examiners
Suraksha Bhavan
Directorate of Factories and Boilers
Kumarapuram
Thiruvananthapuram- 695011
Kerala.**

Please note that only print out of the application along with copy of all documents submitted online after affixing signature need to be submitted as to reach on or before 30/06/2018 before 5pm.

Note : All originals in respect of academic qualifications, experience and such other testimonials uploaded shall be produced at the time of Examination.

IMPORTANT DATES

- a) Last date for receiving Online application 23/06/2018
- b) Last date for receiving Hard copy of application 30/06/2018
- c) Schedule of examination

1	Second class Boiler Attendant's Competency examination (Written, Oral & Practical)	8 th , 9 th & 10 th August 2018
2	First class Boiler attendant's Competency examination (Written, Oral & Practical)	27 th ,28 th &29 th September 2018

**DIRECTOR OF FACTORIES AND BOILERS
AND CHAIRMAN, BOARD OF EXAMINERS**