



## ABSTRACT

Public Works Department – Directorate of Boilers – Ease of Doing Business – BRAP 2019 – Bringing the inspection for renewal of certificate of boilers under Boilers Act, 1923 under Central Inspection System – Orders – Issued.

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Public Works(D1)Department

G.O.(Ms).No.156

Dated: 23.06.2020.

சார்வரி ஆனி - 09

திருவள்ளூர் ஆண்டு 2051

Read:-

From the Director of Boilers, Public Works Department, Chennai-5,  
Letter No. DoB/EoDB/BRAP/07/2020, dated 24.02.2020.

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## ORDER:-

The Director of Boilers, Public Works Department in his letter read above has stated that Department for Promotion of Industry and Internal Trade (DPIIT) BRAP 2019 implementation Guide, recommends (Recommendation # 65) a Central Inspection System to be institutionalized to ensure transparency in compliance inspection process, to allow for more effective planning of inspections and to ensure mutual sharing of information among inspecting Departments.

2. He has also informed that in the meeting on EoDB/BRAP chaired by Chief Secretary to Government of Tamil Nadu on 09.01.2020, it was decided, to bring inspection for renewal of certificate of Boilers under Boilers Act, 1923 under Central Inspection System to be institutionalized by Guidance Bureau, Chennai, and the Director of Boilers was instructed to give proposal for implementing the same.

3. Accordingly, the Director of Boilers has submitted proposal to the Government for bringing inspection for renewal of certification of boiler as per Section 8 of Boilers Act, 1923 under Central Inspection System.

4. The Government, after careful examination, have decided to accept the proposal of the Director of Boilers and accordingly the Government issue the following order:-

In order to bring inspection for renewal of certificate of boilers as per Section 8 of Boilers Act, 1923 under Central Inspection System, boilers are classified based on risk profile, inspection requirements are differentiated based on risk profile,



inspection procedure and checklist are defined, uploading of Inspection Reports are mandated, and Competent Persons are allocated for inspection by computerized algorithm as detailed below:-

### **1. Classification of Boilers based on Risk Profile**

For the purpose of inspection of boilers for renewal of certificate, boilers are classified as below, based on risk profile:

- a. **Low Risk Boilers** - All Coil type / Once through / Water tube Small Industrial Boilers as defined in Regulation 619(b) of Indian Boiler Regulations, 1950.
- b. **Medium Risk Boilers** - All Shell type Small Industrial Boilers as defined in Regulation 619(a) of Indian Boiler Regulations, 1950.
- c. **High Risk Boilers** - All Boilers except Small Industrial Boilers defined in Regulation 619 of Indian Boiler Regulations, 1950.

### **2. Differentiation of Inspection Requirements based on Risk Profile**

Based on the risk profile of boilers, different inspection requirements for inspection of boilers for renewal of certificate are specified below:

**a. Low Risk Boilers** - (i) Only Hydraulic Test shall be conducted as per Regulation 379 of Indian Boiler Regulations, 1950. (ii) However, when the Competent Person feels that there is reasonable ground for the requirement of Thorough Examination, it may be conducted as per Regulation 390 of Indian Boiler Regulations, 1950. (iii) Competent Person shall ensure that the boiler is in charge of an operator who has passed Class X or equivalent as per Regulation 622(c) of Indian Boiler Regulations, 1950.

**b. Medium Risk Boilers** - (i) Hydraulic Test shall be conducted as per Regulation 379 of Indian Boiler Regulations, 1950. (ii) Thorough Examination shall be conducted as per Regulation 390 of Indian Boiler Regulations, 1950. (iii) Competent Person shall ensure that the boiler is in charge of an operator who has passed Class X or equivalent as per Regulation 622(c) of Indian Boiler Regulations, 1950.

**c. High Risk Boilers** - (i) Hydraulic Test shall be conducted as per Regulation 379 of Indian Boiler Regulations, 1950. In case of Shell type boilers without fire tubes like Vertical Cross Tube boilers, Lancashire boilers and Cornish boilers, Hydraulic Test shall be dispensed with; however, when the Competent Person feels that there is reasonable ground for the requirement of Hydraulic Test for such a boiler, it may be conducted. (ii) Thorough Examination shall be conducted as per Regulation 390 of Indian Boiler Regulations, 1950. (iii) Competent Person shall ensure that the boiler is in charge of person(s) possessing Certificate of Proficiency as a Boiler Operation Engineer and/or person(s) possessing Certificate of Competency as a Boiler Attendant as per Boiler Operation Engineers Rules, 2011 and Boiler Attendants Rules, 2011.



### **3. Inspection Procedure and Checklist**

Inspection for renewal of certificate of boilers shall be limited to the following procedure and Checklist:

- a. Competent Person shall identify the boiler to be inspected by verifying the Registry Number engraved on the boiler.
- b. Competent Person shall ensure that the boiler is prepared for Hydraulic Test as per Regulation 378 of Indian Boiler Regulations, 1950 when applicable.
- c. Competent Person shall witness the Hydraulic Test as per Regulation 379 of Indian Boiler Regulations, 1950 when applicable.
- d. Competent Person shall ensure that the boiler is prepared for Thorough Examination as per Regulation 376 of Indian Boiler Regulations, 1950 when applicable.
- e. Competent Person shall conduct Thorough Examination as per Regulation 390 of Indian Boiler Regulations, 1950 when applicable.
- f. Competent Person shall ensure that the boiler is in charge of person(s) possessing Certificate of Proficiency as a Boiler Operation Engineer and/or person(s) possessing Certificate of Competency as a Boiler Attendant as per Boiler Operation Engineers Rules, 2011 and Boiler Attendants Rules, 2011 in the case of a High Risk boiler. Competent Person shall ensure that the boiler is in charge of an operator who has passed Class X or equivalent as per Regulation 622(c) of Indian Boiler Regulations, 1950 in the case of a Low Risk or Medium Risk boiler.

### **4. Uploading of Inspection Report**

Inspection Report of a boiler shall be uploaded by the Competent Person who inspected the boiler for renewal of certificate, in the online portal within 48 hours of completion of inspection.

### **5. Computerized Allocation of Competent Persons**

Online portal will allocate Competent Persons (col.4 of the table) for inspection of boilers covered in the jurisdiction of Deputy Director of Boilers and Senior Assistant Directors of Boilers (col.3 of the table) for renewal of certificate of boilers within each Region (col.2 of the table) as given in the table below ensuring that a given boiler is not inspected consecutively by the same Competent Person twice.

However, when a boiler owner applies for advance inspection under sub-section 7 of Section 8 of Boilers Act, 1923, jurisdiction officer can reschedule the inspection for renewal of certificate for any boiler in his jurisdiction under intimation to Director of Boilers and inspect the boiler.



Sl.No.(1)	Region (2)	Jurisdiction Offices (3)	Competent Persons (4)
1.	Chennai	1. Sr Asst Director of Boilers, North Arcot Circle, Vellore. 2. Sr Asst Director of Boilers, South Arcot Circle, Cuddalore.	1. Sr Asst Director of Boilers, o/o Director of Boilers, Chennai. 2. Sr Asst Director of Boilers, North Arcot Circle, Vellore. 3. Sr Asst Director of Boilers, South Arcot Circle, Cuddalore.
2.	Coimbatore	1. Dy Director of Boilers, Coimbatore Circle, Coimbatore. 2. Sr Asst Director of Boilers, Erode Circle, Erode. 3. Sr Asst Director of Boilers, Salem Circle, Salem.	1. Dy Director of Boilers, Neyveli. 2. Sr Asst Director of Boilers, Erode Circle, Erode. 3. Sr Asst Director of Boilers, Salem Circle, Salem. 4. Sr Asst Director of Boilers - II, BHEL Circle, Tiruchirappalli.
3.	Tiruchirappalli	1. Sr Asst Director of Boilers, Thanjavur - Tiruchi Circle, Tiruchirappalli. 2. Sr Asst Director of Boilers, Madurai Circle, Madurai.	1. Sr Asst Director of Boilers - I, BHEL Circle, Tiruchirappalli. 2. Sr Asst Director of Boilers, Thanjavur - Tiruchi Circle, Tiruchirappalli. 3. Sr Asst Director of Boilers, Madurai Circle, Madurai.

5. The Director of Boilers is directed to issue instructions to all the Subordinate Officers concerned for strict adherence of the orders issued in para 4 above.

**(BY ORDER OF THE GOVERNOR)**

**K. MANIVASAN  
PRINCIPAL SECRETARY TO GOVERNMENT**

To  
 The Director of Boilers, Public Works Department, Chepauk, Chennai – 5.  
Copy to:  
 The Managing Director, Tamil Nadu Guidance Bureau, Chennai.

The Engineer in Chief, Water Resources Department and Chief Engineer (General),  
Public Works Department, Chennai -5.  
Industries Department, Chennai-9.  
Sf/Sc.

// FORWARDED / BY ORDER //

*CP*  
*23.6.2020.*

SECTION OFFICER