

Inspection Checklists

Directorate of Boiler, Department of Industrial policy & Investment Promotion

DIRECTORATE OF BOILERS

GOVERNMENT OF MADHYA PRADESH

Central Inspection System Inspection Procedure and Check list under The Boilers Act, 1923

- 1. Standard Inspection Procedure and Check list for Ground Inspection of Boiler Under Registration/ Erection**
 1. Verification of documents of pressure parts with relevant IBR certificates, MTC etc.
 2. Verification of the approved drawings and documents.
 3. Checking of the facsimile of the makers' stamp and other
 4. Identification marking with Form-II or other relevant IBR certificates.
 5. Checking of the leading dimension of the pressure parts with the approved drawing.
 6. Checking of the general condition of the pressure parts (like denting, deformation, crack pitting etc.)
 7. Checking of all Mountings and Fittings with relevant IBR document.
- 2. Standard Inspection Procedure and Check list for Material Inspection**
 1. Verification of the approved drawing corresponding to the material and documents.
 2. Checking of the pressure part material with relevant IBR certificate and approved drawing (Name of Part, Material Specification, Heat No., Cast No., Class, Size, Identification Number, Stamping etc.)
 3. Checking of leading dimension of the pressure parts with the approved drawing
 4. Checking of the general condition of the pressure parts visually.
 5. Selection of Samples for Physical and Chemical testing if required.
- 3. Standard Inspection Procedure and Check list for Steam Test of Boiler**
 1. Verification of the Provisional Order of the Boiler.
 2. Witnessing the Steam Test as per Indian Boiler Regulations, 1950.
 3. Checking of the Popping Pressure, Reset Pressure, Percentage Blow Down, Accumulation, Lift, Chattering etc. during Steam Test.
 4. Checking of the performance of all Mountings and Fittings during Steam Test.
- 4. Standard Inspection Procedure and Check list for Final Inspection**
 1. To carry out thorough visual inspection.
 2. Checking dimension and configuration as per approved drawing.
 3. Check the Identification Mark on the job.
 4. Stamp the pressure part with the Official Seal.
- 5. Standard Inspection Procedure and Check list for Approval / Recognition of Manufacturer**
 1. Scrutiny of submitted documents.
 2. Inspection of Premises, Verification of Manpower along with their Experience and Machineries.
 3. Submission of Report
 4. Technical Discussion.
 5. Issuance of Recognition Certificate.
- 6. Standard Inspection Procedures and Check list for Approval of Erectors**
 1. Scrutiny of Submitted Documents.
 2. Inspection of Premises, Verification of Manpower along with their Experience and Machineries.
 3. Submission of Report
 4. Technical Discussion.
 5. Issuance of Recognition Certificate.