## Inspection Procedure of Boilers/Economiser/SteamPipeLine

<table>
<thead>
<tr>
<th>Steps</th>
<th>Procedure</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| **Step 1** | (a) Boiler owner shall Submit application with relevant documents to the Inspector for registration of boiler along with Registration + Inspection fees as per Annexure A.  
(b) Boiler owner may apply to the concerned officer in the State for inspection of his/her boiler during submission of application. Concerned officers list as per the jurisdictions Annexure B. | **Documents**  
1. Form No. II or Form No. XVII  
2. Form No. III  
3. Form No. IIIA, IIIB, III C  
4. Form No. IV or IV A  
5. Drawings  
6. Others (such as dispatch note, certificate of welders, certificate of Boiler Attendant, certificate of Boiler Operation Engineer etc) |
| **Step 2** | **In case of packaged boiler**  
- Inspector shall inform date of inspection to owner.  
- The Inspector shall visit the site to inspect boiler, boiler components, mountings and fittings along with relevant certificates and test reports to verify as per checklist shown below.  
- Inspector shall witness hydraulic test after completion of Erection of Boiler/Steam pipeline/Economiser.  
- Boiler and Steam Pipe Line shall be hydraulically tested to 1½ times of the maximum working pressure.  
- Inspector prepare inspection report at site and hand over a copy to the owner or his representative.  
- The Director of Boilers will allot the Boiler Registration number and Steam Pipeline Registration number.  
- Boiler owner shall submit application after engraving the Registration number on the shell for conducting Physical Inspection at site | **Physical Inspection at site**  
All welding work shall be carried out by a certified welder. |
the steam test.

**In case of erection of assembled boiler at site**

- Owner of Boiler may ask for stage inspection after the material is received at site or completion of part erection.
- The Inspector shall visit the site to inspect boiler, boiler components, mountings and fittings along with relevant certificates and test reports to verify as per checklist shown below.
- Inspector shall witness hydraulic test during various stages/after complete erection of boiler as required.
- Boiler and Steam Pipe Line shall be hydraulically tested to 1½ times of the maximum working pressure after completion of Erection of Boiler/Steam pipeline/Economiser.
- Inspector prepare inspection report at site and hand over a copy to the owner or his representative.

<table>
<thead>
<tr>
<th>Step 5</th>
<th>Boiler owner has to submit all documents and test reports related to boiler, boiler components, mountings, fittings and steam pipeline before final hydraulic test.</th>
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| Step 6 | After inspection Inspector shall prepare Boiler and steam pipe line inspection reports and submit inspection reports along with all documents and test reports to Director of Boilers.  
The Director of Boilers will allot the Boiler Registration number and Steam Pipeline Registration number. |
| Step 7 | Boiler owner shall submit application after engraving the Registration number on the drum for conducting the steam test. |
## Inspection Procedure of Boilers for Renewal of certificates

<table>
<thead>
<tr>
<th>Steps</th>
<th>Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 1</td>
<td>• Boiler owner shall apply to the Inspector or competent person (Third Party) along with fees as per Annexure C before expiry of the certificate.</td>
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<tr>
<td>Step 2</td>
<td>• Inspector/Competent person informs date of inspection and hydraulic test to owner.</td>
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| Step 3 | • Open inspection: Inspector/Competent person shall inspect the boiler as per checklist.  
• If the condition of the boiler is not satisfactory at the time of open inspection and any part or components of boiler found damaged during inspection.  
• In case of boiler got repaired Inspector/Competent person (Third Party) shall verify details of repair.  
• Boiler shall be inspected and hydraulically tested to 1.25 times (or 1.5 times in case of major repair) of the maximum working pressure.  
• Inspector/Competent person (Third Party) prepares inspection report at site and hand over a copy to the owner or his representative. |

All welding work shall be carried out by a certified welder.