

Low-Pressure Steam Boilers

Recommended by ASME Code Section IV, Modified by BoilerMASTERS.

This list is provided as a rough guide and should be confirmed with local codes and your maintenance department.

Daily:

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| <input type="checkbox"/> Monitor general conditions | <input type="checkbox"/> Determine and correct cause of unusual noises or conditions |
| <input type="checkbox"/> Monitor water level | <input type="checkbox"/> Examine water condition and perform corrections as necessary (add chemicals, blow down, etc.) |
| <input type="checkbox"/> Monitor operating pressure | |
| <input type="checkbox"/> Examine gage glass or water column | |
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Weekly:

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| <input type="checkbox"/> Examine low-water fuel cutoff | <input type="checkbox"/> Check oil supply |
| <input type="checkbox"/> Blow down boiler | <input type="checkbox"/> Monitor operation of condensate or vacuum pump |
| <input type="checkbox"/> Monitor condition of flame | |
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Monthly:

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| <input type="checkbox"/> Lift lever on safety valve <ul style="list-style-type: none">• Experience shows that safety valve seals often leak once tested.• We suggest replacing safety valves every 5 years instead of testing them.• Note: your boiler inspector or code may not allow this. | <input type="checkbox"/> Examine limit controls |
| <input type="checkbox"/> Examine flame-detection devices | <input type="checkbox"/> Examine operating controls |
| | <input type="checkbox"/> If required perform sludge blow down |
| | <input type="checkbox"/> Verify condition of heating surfaces for oil pre-heaters |
| | <input type="checkbox"/> Verify combustion air supply to boiler room |
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Annually:

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| <input type="checkbox"/> Check internally and externally after cleaning | <input type="checkbox"/> Low-water fuel cutoff evaporation test |
| <input type="checkbox"/> Open and inspect low-water fuel cutoff | <input type="checkbox"/> Check gas/oil piping for proper support and tightness |
| <input type="checkbox"/> Conduct routine burner maintenance | <input type="checkbox"/> Check boiler room ventilation louvers and intake |
| <input type="checkbox"/> Conduct routine maintenance of condensate or vacuum return equipment | |
| <input type="checkbox"/> Conduct routine maintenance of all combustion control equipment | |
| <input type="checkbox"/> Combustion test | |
| <input type="checkbox"/> Draft test | |
| <input type="checkbox"/> Safety valve pop-off test | |
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