

Boiler Operator Responsibilities for Safety

1. Maintain the Normal Operation Water Level (NOWL).
2. Never add water to a hot boiler when the water level cannot be determined.
3. Test Safety and relief valves regularly in compliance with state and local codes.
4. Follow standard operating procedures (SOP) and all instructions (written or verbal) from the Chief Engineer.
5. Maintain proper steam pressure or water temperature.
6. Routinely test the low water fuel cut-offs and feedwater pump controls.
7. Routinely blow down the water column, water sight glass and try cocks.
8. Maintain the burner according to manufacturer's recommendations.
9. Maintain proper fuel oil temperature and / or gas pressure.
10. Record fuel consumption regularly.
11. Maintain optimum feedwater temperature.
12. Record make-up water consumption regularly.
13. Monitor and record stack temperature.
14. Maintain control of the boiler and auxiliary equipment.
15. Maintain the boiler room log.
16. Record all appropriate data and document any unusual conditions.