1. Maintained boiler room log by recording meter and gauge data readings, including water test results and quantity of fuel consumed.
2. Observed pressure, temperature and draft meters to verify correct operation of automatic combustion control systems, feed water regulators and burners.
3. Monitored heating and cooling system performance through alarms, temperature and pressure differentials.
4. Verified appropriate degree of water softness by maintaining chemical treatment programs and regulating steam flow.
5. Used chemical testing kits and oxygen scavengers to test and treat boiler feed water.
6. Used power hammers or weld pressure vessel tubes to achieve leakproof joints.
7. Studied designs, blueprints and drawings to create templates of boilers.
8. Scheduled and assigned preventive maintenance for boiler and mechanical equipment.
9. Removed, replaced or installed [Type] materials to perform annual maintenance.
10. Developed and implemented service schedules for machinery and maintained [Number]% readiness rate.
11. Supervised [Number] apprentices and offered specific recommendations to improve work quality.
12. Built and repaired air pollution equipment, including blast furnaces, process tanks, storage tanks and water treatment tanks.
13. Removed and replaced components of [Brand] equipment to remedy [Type] malfunction.
14. Inspected and lubricated valves; removed, replaced or installed components to correct operating deficiencies.
15. Removed boiler casings, grades, handrails, manhole and hole covers to facilitate access to boilers or other vessels for repair.
16. Repaired [Type] machinery and [Brand] equipment according to manufacturer specifications.
17. Utilized welding equipment and [Type] tools to safely complete predetermined operations .
18. Visited [Number] sites per [Timeframe] to upgrade components, including boiler tubes and ductwork.
19. Repaired [Type] leaks by tightening or replacing bolts and gaskets, utilizing [Tool] and [Tool].
20. Cleaned and maintained boilers and associated equipment to increase efficiency and performance level.