

Training hours – detailed

- A. Fuel oil unloading & transferring** _____ hours
1. Trace and sketch boiler fuel oil system
 2. Line up, recirculate, and leak check fuel oil system
 3. Maintain inventory log
 4. Clean strainers
- B. Boiler and auxiliary maintenance** _____ hours
1. Prepare for annual inspection – drain, flush boilers, open handholes, manholes and inspection plugs
 2. Clean fire and water sides of boilers
 3. Replace gauge glasses
- C. Boiler and auxiliary operation** _____ hours
1. Trace and sketch main and auxiliary systems, condensate return and boiler feed systems
 2. Boiler light off
 3. Boiler load operation –critical and normal load conditions
 4. Boiler shut down – scheduled and unscheduled
 5. Load transfer – alternating boilers
 6. Alternating fuel supply
 7. Operation of soot blowers
 8. Blow down – surface and bottom blow
 9. Boiler troubleshooting
 10. Seasonal switch – low pressure to high pressure and back
- D. Pumps and motor set maintenance** _____ hours
1. Preventive maintenance on pumps and motors
 2. Corrective maintenance on pumps and motors
- E. Fan and motor set maintenance** _____ hours
1. Preventive maintenance on fans and motors
 2. Corrective maintenance on fans and motors
- F. Generator maintenance** _____ hours
1. Check fluid levels
 2. Run generator weekly (loaded)
 3. Trace and sketch generator fuel oil system

- G. Safety training** _____ hours
1. Hearing conservation
 2. Eye protection/PPE
 3. Lock-out /tag-out
 4. Use of ladders
 5. Erection/disassembly of scaffolding
 6. Fire prevention/ fire alarm system
 7. Using safety guards
 8. Chemical handling/Right to Know/MSDS online
 9. Confined space
 10. Heat stress
 - 11.SPCC
 12. Respirator use
 13. Basic electrical
 14. Hazardous waste
 - 15.Asbestos

- H. Electrical system maintenance** _____ hours
1. Trace out and sketch main electrical feed to switchgear
 2. Manual transfer of main switchgear
 3. Troubleshooting electrical problems

- I. Water treatment** _____ hours
1. Chemical treatment and testing of feedwater
 2. Water softener operation and testing

- J. Pneumatic control system maintenance** _____ hours
- Operation and maintenance of feedwater controls

- K. Steam valve and trap maintenance** _____ hours
1. Test steam traps
 2. Repair/replace steam traps
 3. Repack/recondition steam valves

Total _____ hours