Learning Outcomes in Module Report

Module Code	SPC04
Module Name	Boiler Operation

Learning Outcomes

Code	Name	Hours	Description
4.0	Boiler Operation	6	After completion of this module and associated workbook, the participant should be able to understand the following concepts and apply them in day-to-day work activities. Start-up procedure. Factors controlling pressure raising. Operation of drains and vents. Shut-down procedure. Standby condition. On-load operation. Steam pressure and temperature control. Efficient combustion control. Monitoring O2, CO and excess air. Effects of sulfur in fuel. Combating low temperature corrosion. Ash related problems, slagging. Sootblowers. High temperature vanadium corrosion. Typical monitoring points on the boiler. Operator's interface. Boiler operating hazards. Protection equipment, alarms and trips.

Count: 1