Heat Recovery Steam Generator

This three-day course describes the function and operation of heat recovery steam generators, including their components, function, operation, and maintenance.

I. Heat Recovery Steam Generator Overview
   - Purpose
   - Function/Description
   - HRSG Thermodynamics
   - Steam Generation Principles

II. Major Components
   - HRSG Structure
   - HRSG Low Pressure Circuit
   - HP/IP Feedwater Pumps
   - HRSG Intermediate Pressure Circuit
   - HRSG Reheat Steam Circuit
   - HRSG High Pressure Circuit

III. Pre-Operational Checks
   - Precautions And Limitations
   - Valve Lineup Checklist
   - Power Supply Lineup Checklist
   - System Startup Prerequisites

IV. Operating Procedures
   - Startup Procedure
   - Normal Operation
   - Shutdown Procedure

V. Routine Maintenance
   - Daily
   - Weekly
   - Monthly
   - Quarterly
   - Six Months
   - Annually

VI. Alarm Response