



Heat Recovery Steam Generator

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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

VI. Alarm Response

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