



Generator Hydrogen Seal Oil System

Date	Venues	(\$Fees	Book your seat
09 Feb -13 Feb 2025	Bahrain	2900	Register Now

Course Overview

The Hydrogen Seals Training course is intended for General Electric field engineers and students enrolled in the Field Engineering Program. Hydrogen Seals Training begins with a basic explanation of hydrogen seals, and then goes on to a detailed description of maintenance practices and modification procedures.

Course Objective

- Describe the operating principles of hydrogen seals
- Identify the various components used in hydrogen seal assemblies
- Explain the inspection, repair, maintenance, and modification procedures for different hydrogen seal designs.

Who Should Attend?

The course is designed for plant operators, maintainers, Supervisors and other non-engineering personnel

Course Outline

- **THEORY OF OPERATION DESCRIBES THE COMPONENTS**
- **FUNCTIONAL CHARACTERISTICS OF THE HYDROGEN SEAL OIL SYSTEM**
- **SEAL DESIGN AND MAINTENANCE**
- **EXAMINES THE CONSTRUCTION OF HYDROGEN SEAL ASSEMBLIES**
- **THE VARIOUS INSPECTION AND MAINTENANCE PROCEDURES**
- **MODIFICATIONS AND CONVERSIONS ILLUSTRATES HOW TO MODIFY EXISTING HYDROGEN SEALS.**

Training Methodology

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities

- Case Studies
- Workshops
- Simulation



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