



Generator Hydrogen Seal Oil System

| Date | Venues | (\$)Fees | Book your seat |
|---------------------|-----------------|----------|------------------------------|
| 26 May -30 May 2024 | Sharm El-Sheikh | 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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