

MECHANICAL SEALS MAINTENANCE (REF:OTSMSM001)

Course Objectives

To have an understanding of the maintenance of mechanical seals.

Course Description

This course deals with mechanical seals for pumps for oil refineries, petrochemical plant and product terminals. It is intended that it will be used for the training of personnel in the use maintenance and selection of mechanical seals. The course will cover the principles, design features, installation and maintenance of mechanical seals.

Pre-Requisites

All Attendees should have a sound power generation and mechanical background.

Course Outcome

At the end of this course you will be able to maintain mechanical seals.

Day 1

- Introduction
- Mechanical Seals
- Mechanical Seal Selection Procedures
- Selecting the mechanical seal Manufacture
- Determination of the mechanical seal pressure rating
- Mechanical seal selection and coding
- Mechanical seal coding as applied to specific pump specifications

Day 2

- Examples of mechanical Seal Selection in Difficult Operating Conditions
- Vacuum Services
- High-speed applications
- High pressure boiler forced circulation Pump service
- LPG services

Day 3

- Corrosive Services
- Temperature extremes

• Course Review and Feedback

