

# Diesel Engine

## Duration

1day 5Hours

## No. of Attendees

Max. 25 Attendees

## Language

Arabic, English

## Overview

This course aims to provide the participants with the general knowledge about internal combustion engines and their main components. By the end of this course, participants will understand the fundamentals of the diesel engines and their operation cycles including fuel injection, cooling, lubrication and exhaust systems. In addition, they will learn how to undertake effective monitoring and maintenance programs.



## Topics

- Classification of Internal Combustion Engines
- Internal Combustion Engine components
- The Fuel Injector
- Supercharging
- Cooling System
- Engine Cooling
- Lubricating Oil Systems
- Crankcase Ventilation
- Induction and Exhaust Systems
- Starting Methods
- Engine Monitoring and Protection
- Basic Engine Tune-up
- Preventive Maintenance Programs