

## Pump and Pump Control

Course Code: PPC

Please contact us for Venue

### Aims

- › To understand the function and operation of pumps and their controls
- › To be able to make the correct pump selection for given applications
- › To understand the causes of pump failure
- › To understand the affects of contamination
- › To understand the setting-up procedures of pump and pump control
- › To understand safe working practices

### Course Content

#### Day one

- › Pump types
- › Function
- › Operation
- › Pump selection
- › Pump controls
- › Fixed displacement
- › Variable displacement
- › Relief valves
- › Flow control valves
- › Unloading valves
- › Accumulators and pressure switches
- › Pressure compensation
- › Load sensing
- › Constant power

#### Day two

- › Causes of pump failure
- › Contamination and target cleanliness
- › Manufacturers recommendations / specifications
- › Setting up procedures
- › Safe working practices - Do's and Don'ts

**2 days**

**Generally one course per month**

**Please contact us for venue/prices**

#### **Note:**

**Due to the nature of this training, its content is not limited to Bosch Rexroth pumps and controls.**

#### **Pre-requisites**

- › Attendance on either the MH or MH-s course.
- › See Stage 2 pre-requisites (page 6)

#### **Participants**

- › Maintenance Engineers
- › Project Engineers
- › Technical Personnel
- › Sales Personnel