



OPERATING NETWORK PUMP STATIONS

COURSE DESCRIPTION

Network Pumping Stations are plants which transfer the collected sewage from sewers to Sewage Treatment Plants. These pumping stations are commonly referred to as Network Pump Stations (NPS). This course is designed to provide an understanding on how things work from the collected sewage until the treatment process which travels throughout the pump systems.

COURSE OBJECTIVES

At the end of the course, participants will:

- Know and understand the process and the working principle of a NPS
- Identify and understand the components of a NPS
- To operate, monitor and interpret the data collected from the NPS
- To inspect, observe and differentiate normal / abnormal conditions of a NPS
- To troubleshoot during abnormal conditions
- To carryout basic preventive maintenance and troubleshooting of a NPS and the common tools used
- To follow good health and safety practices

COURSE CONTENT

- Introduction
- Overview of NPS
- Components of Pumping Stations
- Operation of NPS
- Plant Monitoring
- Maintenance Aspects
- Problems & Troubleshooting
- Health and Safety
- Sewage / Sewerage Terminology
- Sewage Composition
- Sewage Treatment
- Water Pollution
- Environmental Regulations

COURSE DURATION

2 Days

WHO SHOULD ATTEND

This course is recommended for Consultants and Contractors involved in safety and health of sewage treatment plants, officers of the Ministry of Health, Department of Sewerage Services and Department of Environment, Engineers, Managers and other technical personnel involved in the development of sewerage system.

COURSE FEE

RM800.00 per person

COURSE SCHEDULE

DAY ONE	
9.00 am – 10.30 am	<input type="checkbox"/> Introduction <input type="checkbox"/> Overview of NPS
10.30 am – 11.00 am	Coffee/Tea Break
11.00 am – 1.00 pm	<input type="checkbox"/> Components of Pumping Stations <input type="checkbox"/> Operating of NPS
1.00 pm – 2.00 pm	Lunch Break

2.00 pm – 3.30 pm	<input type="checkbox"/> Plant Monitoring <input type="checkbox"/> Maintenance Aspects
3.30 pm – 3.45 pm	Coffee/Tea Break
3.45 pm – 5.00 pm	<input type="checkbox"/> Problems and Troubleshooting
DAY TWO	
9.00 am – 10.30 am	<input type="checkbox"/> Health & Safety
10.30 am – 11.00 am	Coffee/Tea Break
11.00 am – 1.00 pm	<input type="checkbox"/> Sewage / Sewerage Terminology <input type="checkbox"/> Sewage Composition
1.00 pm – 2.00 pm	Lunch Break
2.00 pm – 3.30 pm	<input type="checkbox"/> Sewage Treatment <input type="checkbox"/> Water Pollution
3.30 pm – 3.45 pm	Coffee/Tea Break
3.45 pm – 5.00 pm	<input type="checkbox"/> Environmental Regulations <input type="checkbox"/> Q&A Session