

INTRODUCTION

This course outlines the performance testing and commissioning of M & E equipment and on civil structures of sewerage systems. Topics include material testing on appurtenances, alignment test on sewer reticulation, leakage/infiltration of sewer reticulation, pump performance test, ventilation, control panel, aeration systems, weir levels, water leakage test, sand drying bed, mechanical thickening and dewatering, polymer dosing and effluent discharge standards & commissioning.

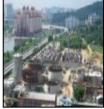
COURSE OBJECTIVE

This course is designed to give an introduction to testing and commissioning of sewerage systems such as sewer reticulation, pumping station, sewage treatment plant and sludge treatment

COURSE CONTENT

- Material testing on appurtenances
- Alignment test on sewer reticulation
- Leakage/Infiltration on sewer
- Pump performance test
- Ventilation
- Control panel
- Aeration systems
- Pumping/ Air lift
- Weir levels
- Water leakage test on R.C. Structures
- Sand Drying bed
- Mechanical thickening/dewatering
- Polymer dosing
- Effluent Discharge Standards & Commissioning





LEARNING OUTCOMES

At the end of the course, participants will be able to:

- Understand various types of equipment used in sewerage treatment technology.
- Understand various type of performance testing & commissioning of M&E equipment and on civil structures.

DURATION

1 Day

COURSE FEE

RM550.00 per person

WHO SHOULD ATTEND

This course is recommended for engineers and technical personnel involved in testing & commissioning of sewerage projects.

METHODOLOGY

The course will be delivered interactively through lectures, group discussion and case studies. Assessment will be conducted at the end of the training session.

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