



AERATION SYSTEM FOR ACTIVATED SLUDGE

INTRODUCTION

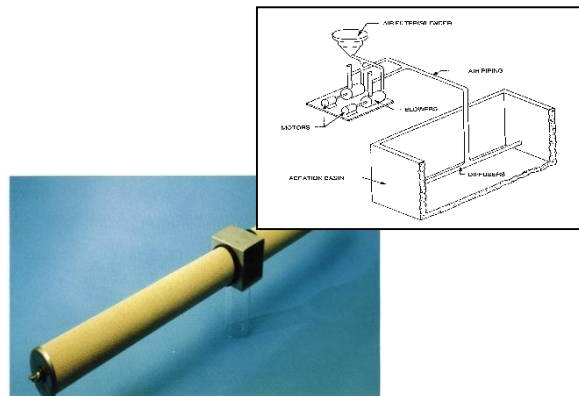
This course is designed to educate and illustrate to participants about the various methods of Aeration in use. Overview of Aeration systems and their components are also introduced to familiarize participants with the equipment used and their general maintenance.

COURSE OBJECTIVES

This course provides knowledge of Aeration systems and their applications. It also serves to familiarize participants with the various components of aeration systems available.

COURSE CONTENT

- Definition of Aeration
- Aeration Systems & Equipment
 - Basic Design Consideration
 - Piping and Valves
 - Air Filter
 - Diffusers
 - Basic Aerator Component Identification
 - Aerator Performance
 - Application of Aerators
- General Maintenance Tasks
- Energy Requirement for Mixing in Aeration



LEARNING OUTCOMES

- On completion of this course, participants will be able to:
- Understand the types of Aeration Systems available.
 - Identify the parts and equipment associated with each system
 - Understand maintenance tasks required with Aeration systems

DURATION

1 day

METHODOLOGY AND ASSESSMENT

Course will be conducted through classroom lecture and hands-on practical.

WHO SHOULD ATTEND

This course is designed for supervisors, team leaders and technicians who are involved in the sewage treatment using extended aeration system. Engineers and executives who are directly involved in operation and maintenance.

COURSE FEE

RM550.00