



OPERATION & MAINTENANCE OF MECHANISED MOBILE DEWATERING UNIT (MDU)

INTRODUCTION

Mechanised Dewatering Unit (MDU) is a type of sludge treatment facilities. Sludge is delivered using tanker to MDU. Generally, a complete MDU facility consist of sludge reception facility, sludge holding tank, sludge dewatering unit and dried sludge storage hut.

COURSE OBJECTIVES

This course provides basic knowledge and understanding on the operation and maintenance of the MDU. Participants will gain an understanding on the MDU working principles, operation and maintenance of MDU, common issues and problems encountered with MDU and proposed remedial measures.

COURSE CONTENTS

- Introduction
- MDU Application
- MDU Installation
- MDU System Components
- Working Principle of MDU
- Daily Operating Checklist
- Operating Procedure of MDU
- Troubleshooting
- Health & Safety at Work Site
- Basic Tools
- Maintenance Requirement
- Recordkeeping



LEARNING OUTCOMES

On completion of this course, participants will be able to:

- ✓ Understand the MDU function and operating principles
- ✓ Recognize the MDU parts and accessories and application of MDU
- ✓ Gain knowledge on the common problems with MDU; its causes and remedy action to be taken
- ✓ Understand and gain knowledge on operation and maintenance of MDU
- ✓ Familiar with the test and record that need to be done
- ✓ Recognize the health & safety issues pertaining to O&M of MDU

DURATION

2 days

WHO SHOULD ATTEND

This course is recommended for sewerage treatment personnel who are involved in the operation and maintenance of MDU, namely supervisors, technicians, selected team leaders and selected operators.

METHODOLOGY

The course will be conveyed through classroom lecture and video demonstration.

COURSE FEE

RM800.00