



OPERATION AND MAINTENANCE OF JETTOR AND SEWER CLEANING VEHICLE

COURSE DESCRIPTION

Sewer Cleaning Vehicle and Water Jettor are designed to operate at high pressures and suction to obtain the efficiency and required cleaning effects. Due to high operating pressure and suction, it is important that these machines are handled in a proper and safe manner to avoid injuries to the operator and the public as well as damage to equipment and sewer. It is important that the operators of these machines be adequately trained in all aspects of machine use to ensure maximum and extended life.

COURSE OBJECTIVES

This course is designed to provide knowledge and skills on proper and safe operations and use of the cleaning and jetting machine, and its accessories, maintenance of Sewer Cleaning Vehicle (SCV) and their associated equipment.

COURSE CONTENT

- Introduction to sewer cleaning and maintenance.
- Common methods of sewer cleaning and maintenance.
- Sewer Cleaning Vehicle (SCV) - Components and Functions
- Safety, Care and Maintenance of equipment
 - ▶ Care and maintenance equipment
 - ▶ Operational set up procedures
 - ▶ Personal Protection Equipment (PPE)
 - ▶ Confined space
 - ▶ Maintenance of safety equipment
 - ▶ Hazards in sewer cleaning using water jettor
 - ▶ Injuries and reporting procedures
- Principles Operation of SCV
- High pressure water jetting
- Vacuuming
- Combined high pressure jetting and vacuuming
- Troubleshooting



LEARNING OUTCOMES

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

- Understand parts and components of water jetting and sewer cleaner equipment as used for sewer cleaning.
- Identify the different control systems that are in use including pressure safety relief devices.
- Have a clear understanding of the special needs for maintenance inspection and testing of high pressure equipment on a regular basis.
- Carry out the preliminary checks on the equipment, start and stop it safely.
- Understand the potential hazards of incorrect connection of high pressure hoses, guns and lances.
- Understand the nature of water jetting injuries and the correct action to take in the event of an accident.
- Understand the requirement, for personal protective clothing and equipment and its limitations.

- Understand the safety procedures necessary when water jetting and sewer cleaning operations take place.

DURATION

3 days.

WHO SHOULD ATTEND

This course is designed for sewer network services personnel who are involved in sewer maintenance work, supervisors, technicians and operators.

COURSE FEE

RM1050