

TRENCHING AND EXCAVATION SAFETY

COURSE AIM

To instruct participants/delegates on the various hazards associated with excavation and trenching work, as well as instruct them on the proper procedures and controls to ensure safe work practices

TARGET GROUP

This Course is designed for anybody who will need to work in or around trenches, holes, or below-ground areas as equipment/machinery operators, laborers, underground tank removal or maintenance, utility workers, oil & gas workers, safety officers, civil engineers...

COURSE CONTENT

Delegates will receive knowledge of the following subjects:

- Terms & Definitions
- Legislation required with excavation operation : FMA 2014, OSHA 1994, HSE 1999 ...
- Soil types and testing
- Types of trench collapse
- Protective systems selection: hierarchy of controls
- PPE related to excavation operations
- Engineering Controls
- Sloping and benching
- Aluminum hydraulic and timber
- Shoring & Sheeting
- Alternatives to shoring
- Safe work practices vs inappropriate practices
- Hazardous Atmospheres
- Competent Person/Inspection

COMPETENCY

Delegates are required to pass an assessment of written or verbal examination of theory.

PRE REQUISITE

There are no pre requisites to attend this course.

METHOD OF TRAINING

Theory sessions in a classroom followed by written or verbal examination of theory, practical training and assessment of practical skills. The training will include the visual teaching aids, writing materials, wear full PPE, use of training equipments and facilities, use of shower and refreshment & mid-day lunches.

COURSE DURATION

One (1) day.

RATIO OF THE TRAINING

80% Theory / 20% Practical

VALIDY OF CERTIFICATE

3 years.

