

#### **Course Overview**



- Understand general safety in Tunnelling Works
- Identify hazards working in a Tunnel
- Practice safety procedures when operating Tunnelling Equipment and Machinery
- Able to work safely in Confined Spaces
- Practice safety procedure when doing Hot Work and working in Compressed Air
- Competent in wearing Personal Protective Equipment (PPE)
- Know the dangers and precautionary measures associated with Tunnelling Works

#### **For Whom**



This course is designed for all workers carrying out work in a tunnel in building and engineering construction worksite.

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#### **SAFETY ORIENTATION COURSE (TUNNELLING)** FOR WORKERS (SOC(T))

### **Course Objectives**



- Welcome Note/Training Objectives
- Accident Case Studies
- General Safety in Tunnelling Works
- Working Hazards in Tunnelling
- Tunnelling Equipment and Machinery
- **Confined Spaces**
- Hot Work
- Working in Compressed Air
- Procedures for Safe Work
- Other Safety Precautions

# **Pre-Requisites / Assume Skills and Knowledge**



Learners must have completed and passed the Construction Safety Orientation Course for Workers as a prerequisite to this course.

#### **Course Fees**



\$40/-

## **Medium of Instruction**



**English** 

### **Trainer to Trainee Ratio**



1: 40 for Theory Lesson & Assessment

### **Course Duration**



4 hours including 15 minutes of assessment

## **Attendance requirements**



100% Attendance

#### **Assessment**



Written Assessment 70%

Practical Assessment - Competent

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#### **SAFETY ORIENTATION COURSE** (TUNNELLING) FOR WORKERS (SOC(T))

## **Training Methodology - Blended Learning**



Lecture Slides presentation, self-directed learning, e-learning, group discussion, presentation sharing of best practice and incident. Hands on practical session.

## **Passing marks**



20 MCQ assessment in 15 minutes and it is a closed book assessment. Assessment papers are to be issued in accordance to the course language registered for only. No mix language assessment is permitted. The passing mark for the written assessment is 60%. Failure to pass the assessments shall render a "Fail" outcome for the learner and he must then re-attempt the course and assessments.

#### **Certifications**



- · Based on the successful completion of the course and assessment, a certificate of achievement endorsed by Ensure safe consultancy Pte. Ltd. will be issued to all trainees.
- E-cert available

### **Course Venue**



No. 3 Soon Lee Street, #02-05, Pioneer Junction, Singapore (627606).























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