

## CONFINED SPACE TRAINING FOR AUTHORISED ENTRANT (AE) & STAND-BY PERSON (SP) (AESP)



Accredited by:



Department of Occupational  
Safety and Health

Assessment by:



National Institute of Occupa-  
tional Safety and Health

## INTRODUCTION

Many unaware workers are injured and killed each year while working in confined spaces. This includes the fatalities of the stand by rescuers also. To the unsuspecting, a confined space can be more hazardous than regular workspaces for many reasons. To effectively initiate the risks associated with working in a confined space, Authorized Entrant (AE) & Stand-By Person (SP) should be implemented for your workplace.

Confined spaces can be below or above ground. Confined spaces can be found in almost any workplace. A confined space, despite its name, is not necessarily small. Examples of confined spaces include silos, vats, hoppers, utility vaults, tanks, sewers, pipes, access shafts, truck or rail tank cars, aircraft wings, boilers, manholes, manure pits and also storage bins. Ditches and trenches may also be a confined space when access or egress is limited.

Nearly all death involved in confined spaces are due to:

- Suffocation : lack of oxygen
- Poisoning : inhalation of toxic gasses
- Injuries caused by an explosion : ignition of flammable gasses

## COURSE OBJECTIVES

This course provides knowledge and skills to enable personnel involved in confined space entrant to be aware of these procedures:

- State legal requirement pertaining to confined space
- Describe the presence of hazards at the confined space
- Apply confined space entry procedures
- Use the personal protective equipment and other related equipment associated with confined space occupation
- State the duties / responsibilities and carry out the duties of Authorised Entrants and Stand-by Person
- Qualify the workers as competent workers (Authorised Entrant & Stand-by Person) for confined space occupation

## LIST OF REFERENCE BOOK

Industry Code Of Practice For Safe Working In A Confined Space 2010 (ICOP 2010)

## COURSE CONTENTS

- Introduction to Confined Space works
- Hazards related to Confined Space works
- Personal protective equipment and equipment pertaining to Confined Space works
- Entry Procedure for Confined Space works including duties / responsibilities of Authorised Entrants and Stand-by Person
- Emergency preparedness & Response Plan for Confined Space occupation
- Geographical Information System (GIS) in Water Work into Confined Space
- The Permit-To-Work
- Gas Detection-in theory
- Practical
- Written Examination

## PROGRAM ITINERARY : NEW ENTRY

TIME	TOPICS
0830 – 0900	Course Introduction
0900 – 1000	Module 1: Introduction to Confined space and Related Legislation
1000 – 1015	MORNING TEA BREAK
1015 – 1115	Continuation
1115 – 1130	Written Assessment Module 1
1130– 1300	Module 2 : Hazards in Confined Spaces
1300 – 1400	LUNCH
1400 – 1430	Continuation
1430 – 1445	Written Assessment Module 2
1445 – 1545	Module 3 : Personal protective equipment (PPE) and Equipment
1545– 1600	AFTERNOON TEA BREAK
1600 – 1700	Continuation
1700 – 1715	Written Assessment Module 3
	END OF DAY ONE

TIME	TOPICS
0830 –1000	Module 4: Procedure for Entry
1000 – 1015	MORNING TEA BREAK
1015 – 1045	Continuation
1045 – 1100	Written Assessment Module 4
1100 – 1300	Practical Session
1300– 1400	LUNCH
1400 – 1600	Continuation
1600 – 1615	AFTERNOON TEA BREAK
1615 – 1715	Continuation
	END OF COURSE

## PROGRAM ITINERARY : REFRESHER

TIME	TOPICS
0830 – 0900	Course Introduction
0900 – 1000	Discussion Session 1: Legislation and Hazards
1000 – 1015	MORNING TEA BREAK
1115 – 1130	Module 1: Confined Space Safety Program
1130– 1215	Module 2 : PPE and Equipment
1215– 1300	Module 3 : Personal protective equipment (PPE) and Equipment
1300 – 1400	LUNCH
1400 – 1430	Discussion Session 2 and 3
1430 – 1530	Written Assessment Module 1
1530– 1600	AFTERNOON TEA BREAK
1600 – 1630	Written Assessment Module 2
1630 – 1700	Written Assessment Module 3
	END OF DAY

## ENTRY REQUIREMENT(S)

New Entry : None

Refresher : Have attended and passed Authorised Entrant & Standby Person course

## TARGET GROUPS:

- New Entry
- Workers who are involved in confined space works.
  - Authorised Entrant.
  - Standby-person.

Refresher  
Workers who are involved in confined space works