



DALMIA CEMENT (B) LIMITED

ARIYALUR

SAFETY DEPARTMENT MANUAL

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	WI-43(PI-14;AM-8)
Issued By: M.R		Approved By: HOD(SAFETY)	
WORK INSTRUCTION FOR RESCUE PLAN IN CONFINED SPACE			

SCOPE : Procedure for evacuating a person from Confined Space areas.

Responsibility : Rescue Team.

PPE:

1. Kevlar suit
2. Safety helmet
3. Safety shoes.

Tools:

1. Fire Extinguishers
2. SCBA (Self Contained Breathing Apparatus)
3. Tripod
4. Atmospheric Testing Equipment
5. Communication Equipment
6. 24 V Lighting Equipment with Transformer
7. LOTO Lock
8. Barriers & Signage boards



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Hazards:

Risk Associated

Mitigating Measures

Oxygen Deficiency

Use SCBA for Air supply

Fire Hazards

Use DCP(Fire Extinguisher)

Training needs:

1. Confined Space Entry Standards Training
2. Rescue Training
3. Fire fighting training
4. First aid training
5. Cardio Pulmonary Resuscitation (CPR) Training



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Procedure:

1. The Watch Person must be communicate to the Rescue team immediately after identifying a fire inside Confined Space through Mobile phone OR Public Address System OR Manual Call Point.
2. The Rescue team must assemble immediately at the Confined Space area with all the necessary equipments required for the safe rescue operations along with the Ambulance & Fire Engine.
3. Before entering into Confined Space, the rescue team personnel should ensure the area is safe to enter & LOTO (Lock out & Tag out) has to be done properly to minimize the fire enhancement.
4. Rescue personnel should use the SCBA (Self Contained Breathing Apparatus) in case atmosphere is still not safe to enter into the Confined Space for controlling fire & evacuating the victim.
5. The Tripod should be erected with all the safety measures in the Confined Space opening area for evacuating victim safely.
6. The area must be safeguarded with barriers & signage boards to avoid unwanted entry of people in the vicinity of Confined Space.



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7. Rescue person should enter safely into Confined Space through ladder OR with retractable fall arrestor rope of Tripod.
8. If more rescue persons enter into the confined space, then they must ensure all the people are using SCBA for safe environment.
9. Fire extinguishers must be used to put off the fire.
10. CO2 extinguishers should not be used inside Confined Space
11. Dry chemical powder & Foam type of Fire extinguishers has to be used inside Confined Space to fight with the fire.
12. After putting off fire, Full body safety harness has to be fixed properly for the victim & the 'D' shackle of it has to be latched to the retractable fall arrestor rope.
13. Slowly the victim has to be pulled upwards by operating the hand roller of Tripod .
14. First Aid OR Cardio Pulmonary Resuscitation (CPR) has to be given on the spot if required by Rescue personnel.
15. The victim must be shifted immediately to the hospital for further treatment.

Emergency:



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1. Rescue team personnel must be kept in the Confined Space spot for emergency rescue operations OR must be near to the Confined Space for timely response
2. If needed give First Aid in spot itself OR call emergency 3108/9750963709/9750963761 for the necessary actions.