



DALMIA CEMENT (B) LIMITED
DPM
CONFINED SPACE RESCUE PLAN



Issue No. 02	Rev. No: 01	Effective Date: 22.05.2015	SOP/Mech/49
Issued By: S & P		Approved By: Head- Mech	
SOP FOR RESCUE PLAN IN COMBUSTIBLE VAPOURS IN CONFINED SPACE			

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

Responsibility : Rescue Team.

PPE:

1. Fire proof suit
2. Safety helmet
3. Safety shoes
4. SCBA (Self Contained Breathing Apparatus)

Tools:

1. Fire Extinguishers
2. Tripod
3. Atmospheric Testing Equipment
4. Communication Equipment
5. 24 V Lighting Equipment with Transformer
6. LOTO Lock
7. Barriers & Signage boards

Hazards:

Risk Associated

Oxygen Deficiency

Electrical fire

Explosion severity

Mitigating Measures

Use SCBA for Air supply

Isolate the electrical source

Water spraying

Training needs:

1. Confined Space Entry Standards Training
2. Rescue Training
3. Fire fighting training
4. First aid 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.
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. Water spraying must be used to put off the fire.
10. For Electrical appliances fire use DCP extinguishers to put off the fire.
11. CO2 extinguishers should not be used in Confined Space.



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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 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:

1. In case of belt is moving, Emergency pull chord switch should be activated by the person.
2. If body injury is there, First aid will be given and inform to the Safety department or Call Emergency number 222/555/9865125176/9865177444.

Records/Annexure:

1. Refer Confined Space Entry Standards.
2. Refer Confined Space Entry Procedures.
3. Refer LOTO Standards
4. Refer LOTO Procedures

HEAD MECHANICAL

HEAD TECHNICAL