



Mississippi State Fire Academy

Confined Space Rescue Operations Level Skill

Objective: NFPA 1006 7.2.3
2017 Ed.

Primary Task: Conduct Monitoring of the Environment

PERFORMANCE EVALUATIONS & INSTRUCTION SHEET

Performance Steps

1. The ability to utilize personal protective equipment;
2. Place scene control barriers.
3. Operate atmospheric monitoring equipment.
4. Isolate dangerous forms of energy.
5. Mitigate physical and atmospheric hazards.

INSTRUCTIONS TO THE CANDIDATE

The candidate, given a *Lock-Out / Tag-Out* tool kit, an air monitor(simulator), and a simulated hazardous condition shall perform the following tasks: 1. Demonstrate air monitoring sequence & state acceptable conditions. 2. Control designated hazardous energy affecting the space. 4. Apply appropriate Lock-Out device. 5. Apply appropriate Tag-Out tag with all required information. Verification that the hazards have been isolated and controlled

Air Monitoring & Sequence

Full Points- (all must apply)

- Given a calibrated air monitor, candidate shall demonstrate turning on air monitoring device in a clean, non hazardous atmosphere
- Candidate shall demonstrate fresh air "zero-out" calibration of the air monitoring device
- Candidate shall demonstrate general site and perimeter monitoring to establish protective zones
- Candidate shall demonstrate air monitoring in the correct order (Oxygen, Flammability, Toxicity)

Acceptable Entry Conditions

Full Points- (all must apply)

- Candidate demonstrates knowledge of the acceptable entry ranges (Oxygen-19.5% to 23.5%, Flammability-10% of LEL, Toxicity-PEL)
- Given a specific substance and proper reference material, candidate shall recognize and state the acceptable ranges and physical properties of said substance

Hazard Control & PPE Selection

Full Points-(all must apply)

- Candidate shall verbalize the need for ventilation
- Candidate shall verbalize selection of proper PPE as needed with regards to CPC
- Candidate shall verbalize selection of proper PPE as needed with regards to flash protective clothing, FR, turnouts, and provisions for a flammable atmosphere
- Candidate shall verbalize selection of proper level of respiratory protection
- Candidate shall demonstrate continuous air monitoring and document any changes in atmosphere
- Candidate shall verbalizes adequate decon plan for given product

Time

Full Points- • Under 2 minutes

Safety Evaluation Criteria:

Full Points-

- Candidate's monitoring, ventilation, PPE selection, & LOTO ensures a safe operation