



وزارة الأشغال
Ministry of Works

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Emergency Rescue Requirements At Worksites

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#فريق_البحرين
#TeamBahrain



1. Safety Legal Requirements in Kingdom of Bahrain

Ministerial Order No.(4) of 2014

Protection of Workers Engaged in Building Works, Construction and Civil Engineering.

**Confined Space
Requirements**

Article 33

The following shall be observed in confined space in which there is reason to apprehend the presence of any dangerous fumes:

1. No person shall enter or remain in any confined space in which there is reason to apprehend the presence of any dangerous fumes to such extent as to involve risk of persons being overcome thereby, unless they are wearing breathing apparatus of a type approved for the purpose of this Article, or a responsible person has certified the space as being, for a specified period, safe for entry without breathing apparatus, and the period so specified has not expired; but no person shall enter or remain in the space without breathing apparatus unless he has been warned when the period so specified will expire.

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2. A space shall not be certified under paragraph (1) of this Article unless:

- a) Effective steps have been taken to prevent any ingress of dangerous fumes.
- b) Any sludge or other deposit liable to give off dangerous fumes has been removed and the space contains no other material liable to give off dangerous fumes.
- c) The space has been adequately ventilated and tested for dangerous fumes and has a supply of air adequate for respiration;

But no account shall be taken for the purposes of sub-paragraph (b) of Paragraph (2) of any deposit or other material liable to give off dangerous fumes in insignificant quantities only.

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3. Where any worker is employed in any space to which paragraph (1) of this Order applies, there shall be provided and kept readily available:

- a) Not less than two sets of breathing apparatus of a type approved for the purpose of this Article at the site of operations.
- b) Not less than two additional sets of such apparatus in nearby stores.
- c) A suitable torch approved for the purpose of this Article with each set of breathing apparatus.
- d) Two belts or ropes suitable for rescue purpose.

The apparatus, belts, ropes and torches shall be maintained and shall be thoroughly examined, at least once every month or at such other intervals as may be prescribed by a competent person; and a report on every such examination signed by the person making the examination and containing the prescribed particulars, shall be kept available for inspection

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4. A sufficient number of workers shall be trained and practiced in the use of the apparatus mentioned in the preceding paragraph of this Article and in a method of restoring respiration.

Ministry of Works Requirements Regarding Emergency Rescue Team (for Confined Space)

- ❖ A confined space emergency rescue team must consist of a minimum 4 trained personnel.
- ❖ The full team must be available at site during on-going confined space activities.
- ❖ Team members details (names, contact numbers) must be displayed at every confined space entry point.
- ❖ Emergency rescue equipment must be ready for use near on-going confined space activities.

2. Rescue Types for Confined Space



Risk Level
LOW



Risk Level
MEDIUM



Risk Level
HIGH

3. Confined Space Entry Rescue

