

Chapter 33 - Safeguards during Construction

SECTION 3301 GENERAL

3301.1 Scope. The provisions of this chapter shall govern safety during construction and the protection of adjacent public and private properties. For safety of workers and building occupants during construction, refer to applicable codes of practice enforced by the Abu Dhabi Environment, Health and Safety Center (ADEHS) regarding building and construction sector.

3301.2 Storage and placement. Construction equipment and materials shall be stored and placed so as not to endanger the public, the workers or adjoining property for the duration of the construction project.

SECTION 3302 CONSTRUCTION SAFEGUARDS

3302.1 Remodeling and additions. Required *exits*, existing structural elements, fire protection devices and sanitary safeguards shall be maintained at all times during remodeling, *alterations*, repairs or *additions* to any building or structure.

Exceptions:

1. When such required elements or devices are being remodeled, altered or repaired, adequate substitute provisions shall be made.
2. When the existing building is not occupied.

3302.2 Manner of removal. Waste materials shall be removed in a manner which prevents injury or damage to persons, adjoining properties and public rights-of-way.

3302.3 Indoor Air Quality During Construction. Quality of indoor air shall be maintained in accordance with ADEHS Codes of Practice and guided by SMACNA IAQ Guidelines for Occupied Buildings Under Construction, 2007, 2nd Edition.

SECTION 3303 DEMOLITION

3303.1 Construction documents. *Construction documents* and a schedule for demolition must be submitted when required by the *building official*. Where such information is required, no work shall be done until such *construction documents* or schedule, or both, are *approved*.

3303.2 Pedestrian protection. The work of demolishing any building shall not be commenced until pedestrian protection is in place as required by this chapter.

3303.3 Means of egress. A party wall balcony or *horizontal exit* shall not be destroyed unless and until a substitute *means of egress* has been provided and *approved*.

3303.4 Vacant plot. Where a structure has been demolished or removed, the vacant plot