

**Scope of Work (SOW)  
Fall Hazard Safety Upgrade  
At Residences  
US Embassy-Amman**

**Scope of Work:**

Under 15FAM 211.1 and 15FAM 252.5 all short term leases for the US Government should meet the Residential Safety, Health and Fire Prevention Awareness checklist. The US government aims to address the fall hazards that are identified in residences. This Scope of Work addresses railings and handrails.

**1. Railings:**

- This will include railings installed on all terraces, porches and raised floor surfaces more than 30" (76cm) above the floor grade below.
- Railing shall be sturdy (balusters) with no openings larger than 4" (10cm) and bottom of the railing assembly no more than 4" (10cm) from the floor
- Top of the railing is 42" (107cm) or more from the floor or grade level

Metal Assembly specifications: The metal bars have to be vertical and measure 42" (107cm) from the floor level. The gaps between the bars have to measure <4" (10cm). Paint the metal railing the same color as any existing railing or metal bars in keeping with the aesthetics of the building. The assembly should be installed in a way that it can be removed when the US embassy terminates the lease and does no change to the existing previous built up status.

**The above requirements are in compliance with (IRC Ch. 3, IBC Ch. 10, PE/DE and OM/SHEM)**

**2. Stairs and Handrails:**

- Where there are 4 or more risers (steps) and the steps are open from both sides, install handrails on both sides of the stairs. If the stairs are closed from one side, install the handrail on one side is as a minimum, preferred on the right side when descending.
- The handrail height is 34"-38" (86cm) from the top of the stair tread nosing and can withstand a force of 200lbs (91kg) in any direction.
- The railing will be 1 ½ " (3.8cm) away from the wall
- Risers' openings between steps must not be larger than 4" (10cm).

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