



ADEN M&E PTE LTD

(REG No: 202010794G)

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METHOD STATEMENT FOR INSTALLATION OF FIRE RATED CEILING PANEL

1.0 Preliminaries

- 1.1 Shop drawings submission and approval.
- 1.2 Identify the location and layout of demountable panels.
- 1.3 Determine the size of opening
- 1.4 Determine suitable size of galvanized steel Z-bracket, intermediate L-angles and steel anchor bolts.
- 1.5 Determine anchor bolt fixing locations
- 1.6 Determine the size of the Ceiling panels
- 1.7 Prefabricate ceiling boards panel according to system's specifications

2.0 Site Preparation

- 2.1 Mark and locate steel support framing and panels
- 2.2 Locate working area, provide working platform and storage area
- 2.3 Surface preparation of opening substrate when necessary

3.0 Installation of Ceiling Panels

- 3.1 Ascertain location of galvanized steel Z-bracket around the perimeter of concrete slab opening.
- 3.2 Ascertain the anchor bolts position and predrill holes onto the Z-brackets and into perimeter of concrete slab. Each bracket shall have 2nos M10 anchor bolts and suitably space.
- 3.3 Attach the Z-brackets onto the perimeter of concrete slab by simply fixing the anchor bolts without full tightening





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- 3.4 Slot the intermediate galvanized steel back-to-back L-angles in between the Z-bracket and concrete soffit, such that both ends of the intermediate angles are held by Z- brackets.
- 3.5 Lift and slot one side of the longitudinal prefabricated Ceiling panel into position and ensure the panel edges are supported by intermediate angles and Z- brackets. Adjust all components until satisfactorily and fully tighten the steel anchor bolts.

