

Part 1 General**1.1 RELATED SECTIONS**

- .1 Section 26 05 00 - Common Work Results for Electrical.
- .2 Section 26 05 32 - Outlet Boxes, Conduit Boxes and Fittings.
- .3 Section 26 05 34 - Conduits, Conduit Fastenings and Conduit Fittings.

1.2 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 00 10 – General Instructions.
- .2 Remove from site and dispose of all packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal all packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.
- .4 Fold up metal banding, flatten and place in designated area for recycling.

Part 2 Products**2.1 SUPPORT CHANNELS**

- .1 Provide galvanized steel support channels.
- .2 U-shaped, size 37 x 25 mm thick, surface mounted and suspended as required.

2.2 THREADED ROD HANGERS

- .1 Provide galvanized steel threaded rod hangers throughout.

Part 3 Execution**3.1 INSTALLATION**

- .1 Secure equipment to solid masonry with lead anchors.
- .2 Secure equipment to poured concrete with self-drilling expandable inserts.
- .3 Secure equipment to hollow masonry walls with toggle bolts.
- .4 Support equipment, conduit or cables using clips, spring loaded bolts, cable clamps designed as accessories to basic channel members.
- .5 Fasten exposed conduit or cables to building construction or support system using straps.
 - .1 One-hole steel straps to secure surface conduits and cables 50 mm and smaller.

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- .2 Two-hole steel straps for conduits and cables larger than 50 mm.
 - .3 Beam clamps to secure conduit to exposed steel work.
 - .6 Suspended support systems.
 - .1 Support individual cable or conduit runs with 12 mm diameter threaded rods and spring clips.
 - .2 Support two (2) or more cables or conduits on channels supported by 12 mm diameter threaded rod hangers where direct fastening to building structure is impractical.
 - .7 For surface mounting of two (2) or more conduits, use channels at 1500 mm OC spacing.
 - .8 Provide metal brackets, frames, hangers, clamps and related types of support structures where indicated, or as required, to support conduit and cable runs.
 - .9 Ensure adequate support for raceways and cables dropped vertically to equipment where there is no wall support.
 - .10 Do not use wire lashing or perforated strap to support or secure raceways or cables.
 - .11 Do not use supports or equipment installed for other trades for conduit or cable support except with the permission of the other trade and the approval of the Departmental Representative.
 - .12 Install fastenings and supports as required for each type of equipment cables and conduits, and in accordance with the manufacturer's installation recommendations.

END OF SECTION