

PART 1 - GENERAL

Not Used.

PART 2 - PRODUCTS

2.1 SUPPORT
CHANNELS

- .1 U shape, size 41 x 41 mm, 2.5 mm thick,
suspended, steel, hot-dip galvanized.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Secure equipment to hollow masonry, tile and
plaster surfaces with lead anchors or nylon
shields.
 - .2 Secure equipment to poured concrete with
expandable inserts.
 - .3 Secure equipment to hollow masonry walls or
suspended ceilings with toggle bolts.
 - .4 Secure surface mounted equipment with twist
clip fasteners to inverted T bar ceilings.
Ensure that T bars are adequately supported to
carry weight of equipment specified before
installation.
 - .5 Support equipment, conduit or cables using
clips, spring loaded bolts, cable clamps
designed as accessories to basic channel
members.
 - .6 Fasten exposed conduit or cables to building
construction or support system using straps.
 - .1 One-hole malleable iron straps to secure
surface conduits and cables 50 mm and smaller.
 - .2 Two-hole steel straps for conduits and
cables larger than 50 mm.
 - .3 Beam clamps to secure conduit to exposed
steel work.
 - .7 Suspended support systems.
 - .1 Support individual cable or conduit runs
with 6 mm dia threaded rods and spring clips.
 - .2 Support 2 or more cables or conduits on
channels supported by 6 mm dia threaded rod
hangers where direct fastening to building
construction is impractical.
-

- 3.1 INSTALLATION
(Cont'd)
- .8 For surface mounting of two or more conduits use channels at 1.5 m on centre spacing.
 - .9 Provide metal brackets, frames, hangers, clamps and related types of support structures where indicated or as required to support conduit and cable runs.
 - .10 Ensure adequate support for raceways and cables dropped vertically to equipment where there is no wall support.
 - .11 Do not use wire lashing or perforated strap to support or secure raceways or cables.
 - .12 Do not use supports or equipment installed for other trades for conduit or cable support except with permission of other trade and approval of Departmental Representative.
 - .13 Install fastenings and supports as required for each type of equipment cables and conduits, and in accordance with manufacturer's installation recommendations.