

PART 1 - GENERAL

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| <u>1.1 WASTE
MANAGEMENT AND
DISPOSAL</u> | .1 | Separate and recycle waste materials in accordance with Section 26 05 00 - Common Work Results - Electrical. |
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PART 2 - PRODUCTS

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| <u>2.1 SUPPORT
CHANNELS</u> | .1 | Non-combustible, U shape, size 41 x 41 mm, 2.5 mm thick, surface mounted or suspended. Set in channel poured concrete walls and ceilings where possible. |
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PART 3 - EXECUTION

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| <u>3.1 INSTALLATION</u> | .1 | Secure equipment to 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 | 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.
.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 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. |
| | .7 | For surface mounting of two or more conduits use channels at 1.5 m on centre spacing. |
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- 3.1 INSTALLATION
(Cont'd)
- .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 permission of other trade and approval of Departmental Representative.
 - .12 Install fastenings and supports as required for each type of equipment cables and conduits, and in accordance with manufacturer's installation recommendations.
 - .13 Provide required support where ceilings, etc. cannot support additional loads.
 - .14 Paint all rods, angles, channels, etc. before installation.