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**Decommissioning, Demolition and Site Restoration SSB HQ**  
**Southside Road, St. John's, NL**  
**Project No. R.111146.001**

2021/12/01

Section 26 05 29 – Hangers and Supports for Electrical Systems

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**PART 1**      **GENERAL (NOT APPLICABLE)**

**PART 2**      **PRODUCTS**

**2.1**            **SUPPORT CHANNELS**

- .1            U shape, size 41 x 41 mm, 2.5 mm thick, surface mounted, suspended or set in poured concrete walls and ceilings as required.

**PART 3**      **EXECUTION**

**3.1**            **INSTALLATION**

- .1            Secure equipment to hollow or solid masonry, tile and plaster surfaces with lead anchors or nylon shields.
- .2            Secure equipment to poured concrete with expandable inserts.
- .3            Support equipment, conduit or cables using clips, spring loaded bolts, cable clamps designed as accessories to basic channel members.
- .4            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.
- .5            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.
- .6            For surface mounting of two or more conduits use channels at 1.5 m on centre spacing.
- .7            Provide metal brackets, frames, hangers, clamps and related types of support structures where indicated or as required to support conduit and cable runs.
- .8            Ensure adequate support for raceways and cables dropped vertically to equipment where there is no wall support.
- .9            Do not use wire lashing, wood blocking, plastic strap or perforated strap to support or secure raceways or cables.

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- .10 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's Representative.
  
- .11 Install fastenings and supports as required for each type of equipment cables and conduits, and in accordance with manufacturer's installation recommendations.

**END OF SECTION**