



METHOD STATEMENT

INSTALLATION OF CABLE CONDUIT WORKS

Company Doc. No. RAMSPRO-HVAC-00-000	Contractor Ref. No. QHSE-HVAC-CCW-0000	Date 00-00-0000	Revision 00
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METHOD STATEMENT FOR INSTALLATION OF CABLE CONDUIT WORKS

Project No:	
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REVISION HISTORY	ISSUE DATE	DESCRIPTION	REVIEW / STATUS
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PREPARED BY:	REVIEWED & APPROVED BY:
QA QC ENGINEER	PROJECT ENGINEER



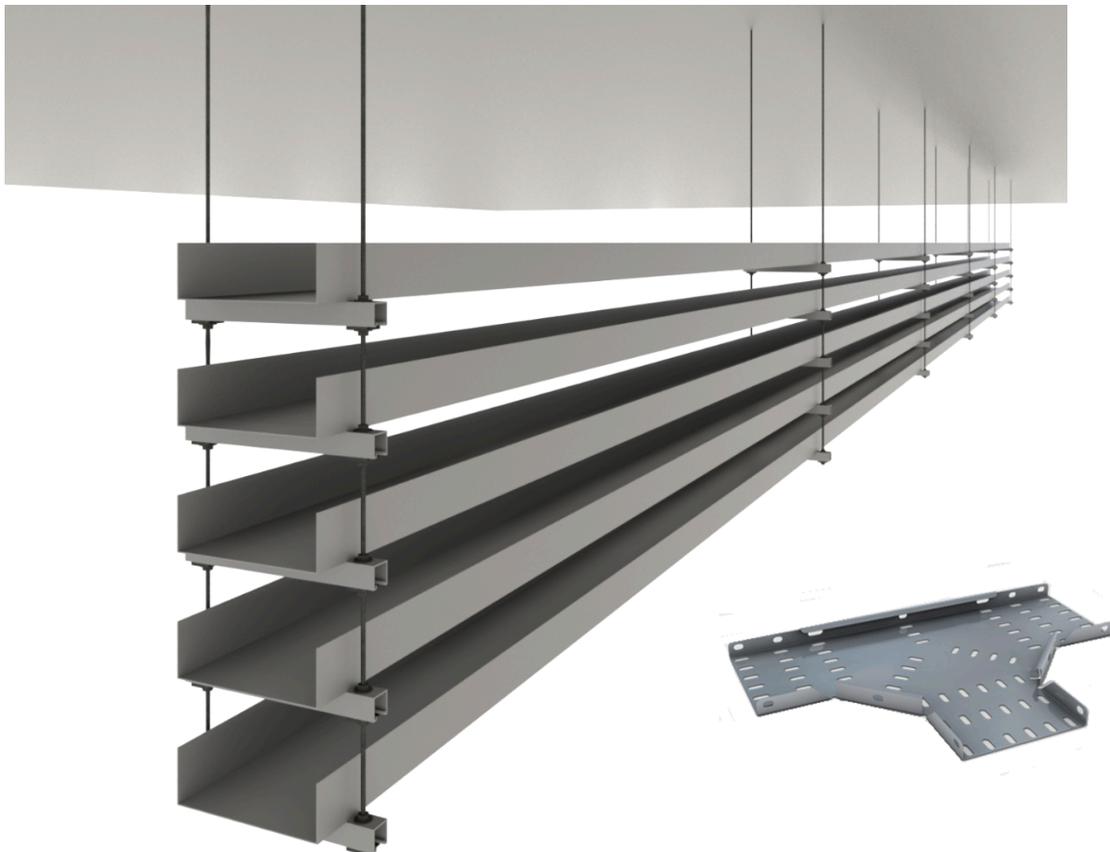
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Table of Contents

1.0. Purpose.....	3
2.0. Document/Drawing/Standard Reference.....	3
2. Equipment/Tools/Material Requirements.....	3
3. Pre-Preparation Work.....	3
4. Safety Precautions.....	3
5. Work Procedures.....	4
6. Forms /Checklist Records.....	4





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1.0. Purpose

To explain the methodology and procedure of installation for Cable Conduits.

2.0. Document/Drawing/Standard Reference

- 1.1. Working Drawings.
- 1.2. Singapore Standard CP5: 1988 (Code of practice for electrical Installation)

2. Equipment/Tools/Material Requirements

- 2.1. Concrete Drill.
- 2.2. Hand Tools.
- 2.3. Hand Drills.
- 2.4. Hacksaw.
- 2.5. Measuring Tape.
- 2.6. Fibre Cutter & Raw plugs.
- 2.7. Scaffolding.
- 2.8. Ladder.
- 2.9. Marker Pen.
- 2.10. Conduit Bender and Dies.
- 2.11. Conduits & Fittings.

3. Pre-Preparation Work

- 3.1. Ensure that site access and location is clear and free of debris and obstruction.
- 3.2. Marked out all relevant positions or locations on the working drawings for the installation to proceed.

4. Safety Precautions

- 4.1. Barricade all work areas relating to the works if required.
- 4.2. Wear Proper Protection Equipment (PPE) for personal safety.
- 4.3. Proper ladder should be secured by tight rope/wire, proper roller clamp on suitable hook.



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- 4.4. All electrical tools and equipment shall be properly earth.
- 4.5. Proper scaffolding to be provided while working in the heights.

5. Work Procedures

- 5.1. Refer to working drawings and marked out the position of conduit saddle on the Working drawings.
- 5.2. Marked out the relevant positions to install the conduit saddle at the walls and ceilings.
- 5.3. Cut the conduit to the required length. Use the conduit reamer or a half-round file to smooth out the sharp edges at both ends of the conduit.
- 5.4. Confirm actual location of conduit. Bore holes of the necessary diameter into the walls and ceilings.
- 5.5. Ensure all conduit saddle are provided at one meter apart.
- 5.6. Install conduit box by turning the conduit box in to the threaded conduit. Use monkey pliers to tighten the conduit box securely. Insert the raw plugs into the drilled holes of walls and ceilings.
- 5.7. Secure the G.I. conduit by saddle and screw nuts.
- 5.8. Touch up the edges, bending and scratches areas of conduit ends to touch up with 2nd layer of final coat paint.

6. Forms /Checklist Records

- 6.1. Checklist for Cable Conduits Installation.