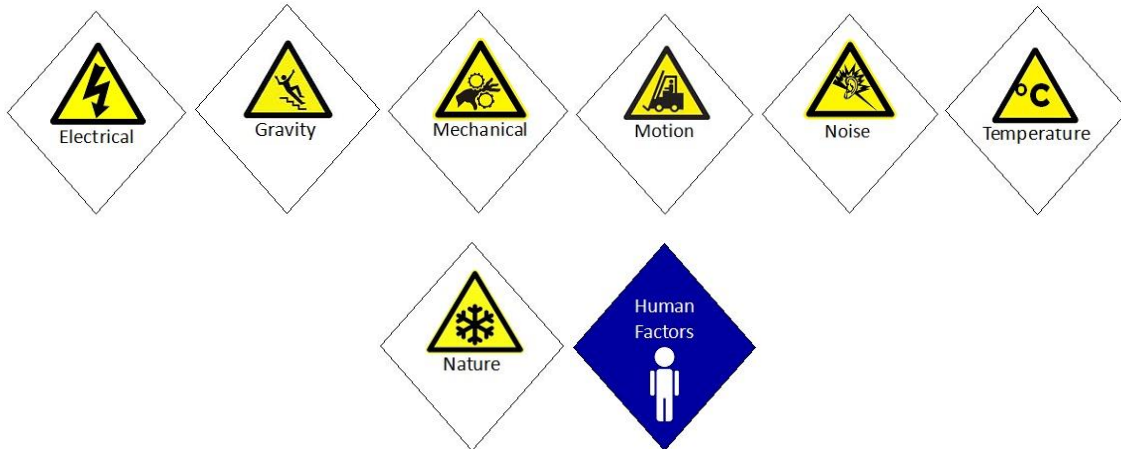


PURPOSE/APPLICATION

To provide a guide for the safe installation of cable tray which is used to house insulated electrical wires or tech cable above ground level.

COMMON HAZARDS SOURCES AND CONCERNS**PPE**

- Strike Minimum Requirements (Hard Hat, Safety Glasses, Safety Footwear, Appropriate Protective Clothing)
- Fall Protection Equipment (where required)
- Task Appropriate Gloves
- Other PPE as per HIAC (Goggles for Drilling, Hearing Protection, Reflective Vest, Face Shield, Fall Protection Equipment, FRC)

TRAINING

- Fall Protection Training (where required)
- Strike Orientation
- AWP Training (where required)
- AWP Competency (where required)

TOOLS/EQUIPMENT

- AWP (where required)
- Rope
- Tool Lanyard (where required)
- Hand Tools
- Required Power Tools

PRE-JOB ACTIVITIES

1. Assess tasks following HIAC methodology
2. Complete harness and lanyard Inspection
3. Complete daily pre use inspection of all tools and equipment
4. Inspect AWP – Complete inspection using CF-S-18 Construction Equipment Daily Pre-Start Checklist (where required)

#	Job Steps	Hazards and Concerns	Control Measures
1.	Area inspection, Plan Scope of Work	<ul style="list-style-type: none"> ▪ Motion – congested work area, mobile equipment ▪ Gravity - Uneven ground ▪ Nature - Environmental hazards ▪ Electrical - Overhead power lines 	<ul style="list-style-type: none"> ▪ Flag off work area ▪ Pre job hazard assessment ▪ Pre job safety meeting ▪ Put up warnings around all power lines ▪ Notify all other trades in the area
2.	Measure and Cut Tray	<ul style="list-style-type: none"> ▪ Motion - Sharp edges, flying debris, saw binding kickback ▪ Noise - High noise levels from the saw ▪ Gravity – Falling tools, falling to lower level 	<ul style="list-style-type: none"> ▪ File down sharp edges ▪ Wear face shield ▪ Use hearing protection ▪ Clamp tray in place ▪ Use tool lanyard ▪ Verify tool and blade is in good condition before cutting ▪ Maintain proper hand Placement (keep hands out the line of fire)
3.	Install Tray	<ul style="list-style-type: none"> ▪ Motion - Sharp edges, Obstructions, Pinch Points ▪ Gravity - Falling tools/material, Heavy awkward loads, working at heights 	<ul style="list-style-type: none"> ▪ Maintain 100% tie off (where required) ▪ Tie off all material if not immediately bolting down ▪ Flag off working area below ▪ Use multiple people to lift where required ▪ Use a rope to hoist the load • Ensure that during hoisting with rope, an approved knot is used to prevent from coming undone. See SWP 55 Rigging for approved knots to be used. • Fall protection plan (where required)

#	Job Steps	Hazards and Concerns	Control Measures
4.	Bolt Tray	<ul style="list-style-type: none">▪ Gravity - Falling tools, debris, working at heights▪ Pinch points	<ul style="list-style-type: none">• Use tool bag to transport material• When working off scaffolding ensure tools and material are secure, use fire blanked if needed to keep material from falling through scaffolding
5.	Clean up all Material, Tools and Garbage	<ul style="list-style-type: none">▪ Gravity - Tripping hazards▪ Motion - Sharp edges	<ul style="list-style-type: none">• Wear appropriate safety footwear• Wear gloves when handling material

REFERENCES/ADDITIONAL INFORMATION

Strike Safe Work Practice

- SWP 18 – Tools/Equipment/Machinery
- SWP 54 – Rigging
- COP 06 – Fall Protection

REGULATIONS:

Alberta OH&S Code

- Part 8 – Entrances, Walkways, Stairways and ladders
- Part 9 – Fall Protection
- Part 14 – Lifting and Handling Loads

Saskatchewan OH&S Regulations

- Part 16 - Entrances, Exits and Ladders
- Part 30 – Additional Protection for Electrical Workers

Manitoba OH&S Regulations

- Part 38 – Electrical Safety
- Part 14 – Fall Protection
- Part – 13 Entrances, Exits, Stairways, Ladders

BC OHS Regulations

- Part 11 Fall Protection
- Part 13 Ladders, Scaffolds and Temporary Work Platforms
- Part 19 Electrical Safety
- Part 9 Fall Protection

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