

SAFE WORK METHOD STATEMENT – SERVICE

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INSTALLATION OF POWER AND LIGHT CABLING

Date Created: ____ / ____ / ____

Approved by:

Review Date: ____ / ____ / ____

| Step | Job step | Hazards | Risks | Risk rating | Controls | Hierarchy of control | Residual risk |
|------|-----------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------|
| 01 | Note: If you are not deemed competent, you are not permitted to perform any installation work whatsoever | | | | | | |
| 02 | Check location to drawings and specification layout and mark out. | Trip hazards, exposed nails | Failure to prevent trip hazards and piercing hazards | MOD (C3) | Ensure work areas and walkways are clear. Safety footwear to be worn. | Elimination Administrative PPE | LOW (E4) |
| 03 | Plan installation to work towards the main switchboard. | Electrical contact | Failure to prevent contact with live electrical components | HIGH (C2) | Check for live conductors and isolate. Connections to the main switchboard to be made only when it is confirmed dead. Implement Isolate, Lockout & Test SWMS | Isolate Administrative PPE | MOD (E2) |
| 04 | Confirm cable specifications and condition. | Hand injuries | Cuts and abrasions | MOD (C3) | Correct use of tools and equipment as trained. | Administrative PPE | LOW (E4) |
| 05 | Install cable to clients specifications. | Electrical contact | Failure to prevent contact with live electrical components | HIGH (B1) | Implement Isolate, Lockout & Test SWMS Ensure power tools are inspected and tagged. | Isolate Redesign Administrative PPE | MOD (E1) |
| | | Falling | Risk of falling from height | HIGH (B1) | Implement Using Portable Ladders SWMS Implement Working at Heights SWMS | Administrative PPE | MOD (E1) |
| | | Manual handling | Failure to prevent manual handling injuries Strains/sprains Cuts/abrasions | MOD (C3) | Implement Manual Handling SWMS | Administrative PPE | LOW (E3) |
| 06 | Terminate cables to specifications. | Electrical contact | Failure to prevent contact with live electrical components | HIGH (B1) | Check for live conductors and isolate. Implement Isolate, Lockout & Test SWMS | Isolate Administrative PPE | MOD (E1) |
| 07 | Clear/clean area. | Manual handling | Failure to prevent manual handling injuries Strains/sprains Cuts/abrasions | MOD (C3) | Implement Manual Handling SWMS | Administrative PPE | LOW (E3) |

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|-----------|----------------------------------------|----------------------|----------------------------------------------------------------------------------|-----------|----------------------------------------|--------------------|----------|
| 08 | Test installation | Electrical contact | Failure to prevent contact with live electrical components | HIGH (B1) | Implement Isolate, Lockout & Test SWMS | Administrative PPE | MOD (E1) |
| 09 | Remove danger tags. | N/A | N/A | N/A | Implement Isolate, Lockout & Test SWMS | Administrative | N/A |
| 10 | Energize supply | Electrical contact | Failure to prevent contact with live electrical components | HIGH (B1) | | Administrative PPE | MOD (E1) |
| | | Electrical explosion | Failure to prevent electrical explosion | | | | |
| 11 | Install signage or labels as required. | Manual handling | Failure to prevent manual handling injuries Strains/sprains Cuts/abrasions | MOD (C3) | Implement Manual Handling SWMS | Administrative PPE | LOW (E3) |