

# ASP General Information Service & Installation Compliance

Alert Number: GI22\_22

25 October 2022

## Subject: Electrical Safety Rules (ESR) Clarification – Appendix A Live Low Voltage Task List Commercial Pillars.

Dear ASPs

The Electrical Safety Rules (ESR) Appendix A – Live Low Voltage Task List, has been updated, with the latest edition being dated 06/10/22. This latest update included changes to the allowable tasks on Commercial Pillars that are compliant with Network Standard NS224.

### Amendment to Appendix A

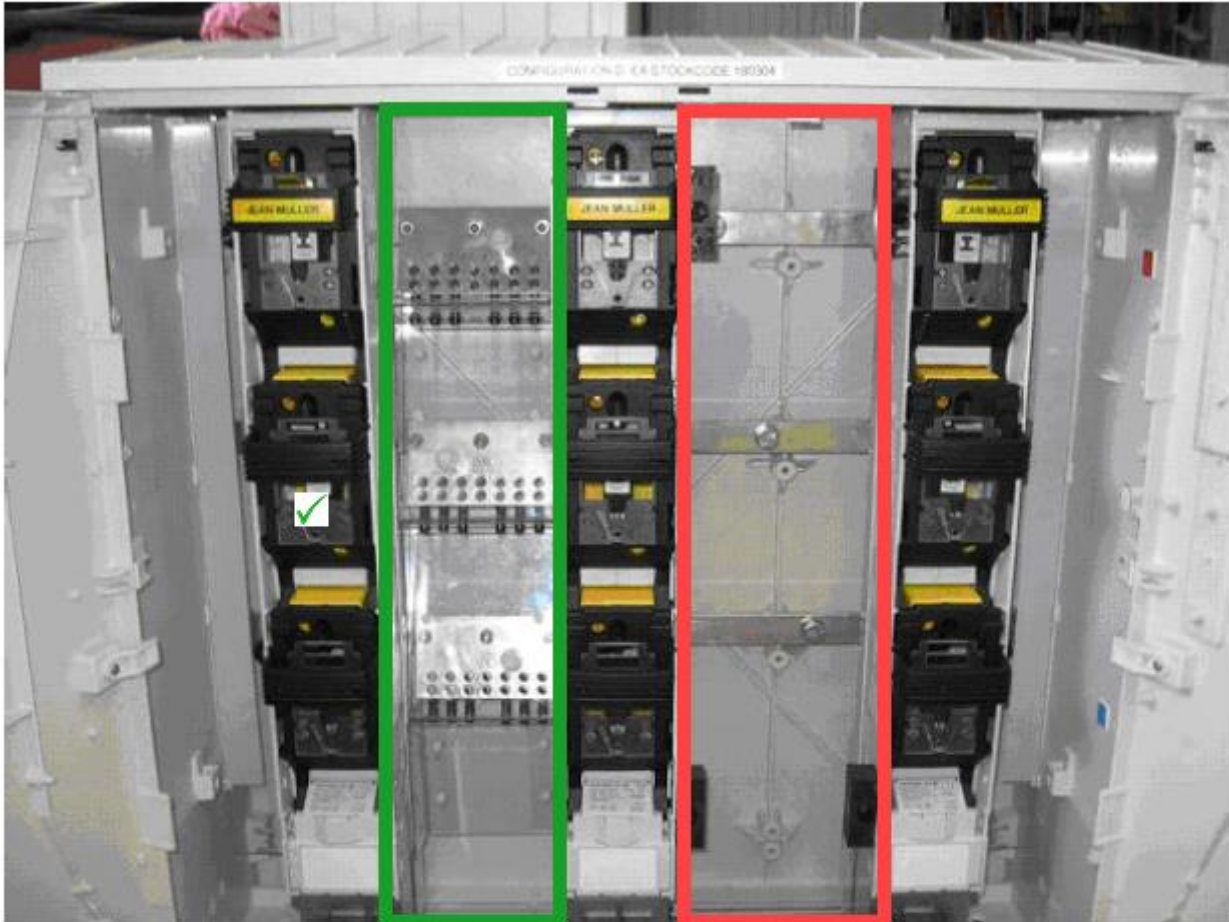
Permissible work on energised Ausgrid Pillars										
Pillar Type	Lift & Replace Lid	Inspect	Replace Base	Thermal imaging *Note 1	Connect - Disconnect Services or S/L Circuit *Note 2	Operating Work e.g. Links or fuses *Note 3	Connect Instruments / Equipment *Note 4	Apply LV Shorts with other distributors energised	Make/break no-load or parallel connections *Note 5	Pulling in de-energised LV cables or conduits
Residential Steel Framed - Non Retrofitted	No	No	No	No	No	No	No	No	No	No
Residential Steel Framed - Retrofitted	Yes	Yes	No	Yes	No	Yes	No	No	No	No
Link Pillars - Non Retrofitted	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	No
Link Pillars - Retrofitted	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tappat Link Pillars	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
K&N (Kraus & Naimer) Links	Yes	Yes	No	Yes	Yes - front only	Yes	Yes - front only	No	No	No
Tyco Commercial Link Pillars	Yes	Yes	No	Yes	No	Yes	No	No	No	No
Commercial Pillar compliant with NS224	Yes	Yes	No	Yes	100/200A - Yes ✓ > 200A - No X	Yes	Yes	Yes	Yes	Yes ✓

#### Appendix A now allows

The “100/200A - Yes” is intended to mean that service (or street lighting) cables, which are to be connected to the service terminal blocks within a commercial pillar (generally 100A or 200A services) may be connected with the mains remaining energised. This is allowed because the service terminal blocks are screened individually and there is no need to remove any screening or apply any temporary insulation to any exposed conductors to facilitate the connection of the cables.

The “>200A - No” is intended to mean that cables, which are too large to fit the service terminal blocks and are to be bolted to the busbar (generally services greater than 200A) may not be connected while the busbar is energised. This is because the removal of the screen over the busbars exposes all three phases and there is no ready means of applying temporary insulation to the busbars.

## Acceptable Service Connections Within NS224 Commercial Pillars



✓ Services may be connected to energised terminal blocks

✗ Services must not be connected to energised busbar  
**Outage required**

**Ausgrid**  
**Service & Installation Compliance**