

ASP Safety Alert Electrical Safety & Compliance

Alert Number: SA01_20

30 March 2020

Subject: Resumption of Stage 1 Live Work Tasks (Substations and Underground)

This alert confirms that from 27 March 2020 appropriately trained and authorised Ausgrid employees, and where applicable, contractors and ASPs will be able to resume Substation and Underground Stage 1 Live Work Tasks.

ASPs will only be able to resume these tasks if have completed the requirements set out in SA21_19 which includes returning a completed ESR ASP Company Acknowledgment form to Ausgrid.

The Substation and Underground Stage 1 Live Work Tasks as set out in [Appendix A](#) of the ESR are:

- Application and removal of temporary insulation to low voltage exposed conductors
- Connection and disconnection of service and streetlighting conductors
- Connection and disconnection of bolted conductor connections

ASP companies that have already completed and returned their ESR ASP Company Acknowledgement **do not need to take any further action.**

We are continuing to progress the live work review and look forward to sharing more information about Stage 2 Live Work Tasks with you soon.

We understand that this has been a difficult period and thank you for your collaboration, patience and support to achieve a safer work environment for everyone who works on or near the live network.

If you have any questions, please email livework@ausgrid.com.au

Regards

Trevor Armstrong
Chief Operating Officer - Ausgrid

Electrical Safety Rules - Appendix A

Approval date

Low Voltage (LV) Live Work - Task/Activity List

9/03/20

Low Voltage Task/Activity	Live work allowed?
Temporary Insulation: Application and removal of temporary insulation to live exposed LV conductors, for the purpose of -	
a) carrying out the other live work tasks within this list.	Yes
b) external parties working in the vicinity of overhead mains (under the WorkCover Code of Practice and ISSC32).	Yes
Services: Connection and disconnection of service conductors -	
a) to overhead LV mains.	Yes
b) to underground LV mains in distribution pillars or standards - as permitted by Network Standard NS199.	Yes
Conductor connections: Make or break parallel or no-load LV conductor connections (bolted or non-tension compression connections) -	
a) on overhead LV mains (for bonds / taps / IDTs / UGOHs).	Yes
b) on underground LV mains - for solid connections of polymeric insulated cables in distribution pillars (excluding link pillars) as permitted by Network Standard NS199.	Yes
c) in substations - on isolated low voltage conductors within 500mm of temporarily insulated live exposed LV apparatus.	Yes
Streetlighting: Maintenance/replacement/connection/disconnection of streetlighting assets -	
a) on overhead LV mains.	Yes
b) in LV distribution pillars or standards - as permitted by Network Standard NS199.	Yes
Extra Low Voltage (ELV) <i>(Note: Refer to ESR Clause 7.1.5 Table 23 for the controls for ELV)</i>	
Work on or near exposed ELV conductors with a nominal voltage up to 25Vac or 60Vdc.	Yes
Specific Tasks	
Testing (identifying neutral, identifying service polarity, measuring voltage, current, or rotation, phasing).	Yes
Visual inspection of live low voltage mains and apparatus.	Yes
Application and removal of overhead high voltage (HV) portable earthing equipment - to or through temporarily insulated exposed LV overhead mains.	Yes
Connection and disconnection of equipment for cable testing/identification/phasing to isolated LV apparatus within 500mm of temporarily insulated live exposed LV apparatus.	Yes
All other tasks/activities	No