

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