

## Work Performance Specifications - List

### Cable Jointing

- ✓ WPTCJ001A-Lay Electrical Cables.
- ✓ WPTCJ002A - Install and maintain de-energised LV underground paper insulated cables.
- ✓ WPTCJ003A - Install and maintain de-energised HV underground paper insulated cables.
- ✓ WPTCJ004A -Joint and maintain energised LV underground paper insulated cables.
- ✓ WPTCJ005A - Perform straight through HV paper insulated to polymeric transition joints.
- ✓ WPTCJ006A - Install and maintain de-energised LV underground polymeric cables.
- ✓ WPTCJ007A - Install and maintain de-energised HV underground polymeric cables.
- ✓ WPTCJ008A - Joint and maintain energised LV underground polymeric cables.
- ✓ WPTCJ009A - Install oil and gas filled specialised underground cables.
- ✓ WPTCJ010A - Maintain oil and gas filled specialised underground cables.
- ✓ WPTCJ011A - Install and maintain polymeric specialised underground cables.
- ✓ WPTCJ012A - Install and maintain oil gas pressure systems for specialised underground.
- ✓ WPTCJ013A - Install and maintain network infrastructure LV underground cables.
- ✓ WPTCJ014A - Install and maintain network infrastructure HV underground cables.

### Design

- ✓ WPTDS001A - Draft and layout an overhead distribution extension.
- ✓ WPTDS002A - Draft and layout an underground distribution extension.
- ✓ WPTDS003A - Draft and layout a street lighting system.
- ✓ WPTDS004A - Draft and layout a distribution substation minor upgrade.
- ✓ WPTDS005A - Design overhead distribution systems.
- ✓ WPTDS006A - Design underground distribution systems.
- ✓ WPTDS007A - Design distribution substations.
- ✓ WPTDS008A - Design public lighting systems.
- ✓ WPTDS009A - Prepare and manage detailed construction plans for electrical system infrastructure.
- ✓ WPTDS010A - Prepare and appraise financial impact statements.
- ✓ WPTDS011A - Manage electrical infrastructure projects.
- ✓ WPTDS012A - Investigate quality of supply issues.
- ✓ WPTDS013A - Develop HV and LV distribution protection systems.

- ✓ WPTDS014A - Design zone substation modifications.
- ✓ WPTDS015A - Organise and implement line and easement surveys.
- ✓ WPTDS016A - Develop planned outage strategies.
- ✓ WPTDS017A - Review asset management strategies.
- ✓ WPTDS018A - Analyse and appraise fault and outage data.
- ✓ WPTDS019A - Establish and manage geographical information system data.
- ✓ WPTDS020A - Design customer substation.
- ✓ WPTDS021A - Manage transmission, sub-transmission and zone substation design process.
- ✓ WPTDS022A - Design transmission, sub-transmission and zone substation buildings.
- ✓ WPTDS023A - Design transmission, sub-transmission and zone substation primary plant.
- ✓ WPTDS024A - Design transmission, sub-transmission and zone substation protection and control systems.
- ✓ WPTDS025A - Design transmission, sub-transmission and zone substation earthing.
- ✓ WPTDS026A - Design transmission, sub-transmission and zone substation civil and structural components.
- ✓ WPTDS027A - Design overhead transmission systems.
- ✓ WPTDS028A - Design underground transmission systems.

### **Distribution**

- ✓ WPTDP001A - Inspect overhead structures and electrical apparatus poles-structures.
- ✓ WPTDP002A - Maintain overhead energised LV conductors and cables.
- ✓ WPTDP003A - Maintain energised high voltage distribution overhead electrical apparatus stick.
- ✓ WPTDP004A - Maintain energised high voltage distribution overhead electrical apparatus glove.
- ✓ WPTDP005A - Inspect, maintain and restore energised LV overhead distribution network infrastructure.

### **Entry Level - Cross Discipline**

- ✓ WPTTEL001A - Apply environmental and sustainable energy procedures.
- ✓ WPTTEL002A - Operate plant and equipment near live electrical conductors-apparatus.
- ✓ WPTTEL003A - Comply with environmental and incidental response procedures.
- ✓ WPTTEL004A - Working safely near live electrical apparatus as non electrical worker.
- ✓ WPTTEL005A - Respond to technical enquiries and requests.

## Industry Specific - Cross Discipline

- ✓ WPTIS001A - Install electrical equipment network infrastructure.
- ✓ WPTIS002A - Maintain electrical equipment network infrastructure.
- ✓ WPTIS003A - Perform LV field switching operation to a given schedule.
- ✓ WPTIS004A - Perform high voltage field switching operation to a given schedule.
- ✓ WPTIS005A - Perform substation switching operation to a given schedule.
- ✓ WPTIS006A - Install and maintain network infrastructure electrical equipment.
- ✓ WPTIS007A - Sample, test, filter and reinstate insulating oil.
- ✓ WPTIS008A - Develop HV switching schedule.
- ✓ WPTIS009A - Develop LV switching schedule.
- ✓ WPTIS010A - Coordinate permit procedures.
- ✓ WPTIS011A - Coordinate and direct switching schedules.
- ✓ WPTIS012A - Install and maintain poles-structures and associated hardware.
- ✓ WPTIS013A - Install and maintain public lighting systems.
- ✓ WPTIS014A - Install and maintain overhead conductors and cables poles and structures.
- ✓ WPTIS015A - Install and maintain low voltage services underground.
- ✓ WPTIS016A - Install and maintain low voltage services overhead.
- ✓ WPTIS017A - Conduct visual checking and treatment of poles and structures.
- ✓ WPTIS018A - Locate faults in underground power cables.
- ✓ WPTIS019A - Conduct high potential testing of underground power cables.
- ✓ WPTIS020A - Install and replace energy meters and associated equipment.
- ✓ WPTIS021A - Install mobile generation set for synchronised genset LV.
- ✓ WPTIS022A - Implement and monitor the organisational OHS policies, procedures and programs.
- ✓ WPTIS023A - Implement monitor environmental and sustainable energy manage policies and procedures.
- ✓ WPTIS024A - Install mobile generation set for synchronised genset HV.
- ✓ WPTIS025A - Contribute to coordinated high voltage live line work.
- ✓ WPTIS026A - Manage an electrical supply industry OHS management system.
- ✓ WPTIS027A - Install and maintain overhead distribution network infrastructure.

## Rail Traction

- ✓ WPTRT001A - Install overhead traction wiring systems.
- ✓ WPTRT002A - Maintain overhead traction wiring systems.
- ✓ WPTRT003A - Install traction bonds.

- ✓ WPTRT004A - Maintain traction bonds.
- ✓ WPTRT005A - Install overhead traction configurations.
- ✓ WPTRT006A - Maintain overhead traction configurations.
- ✓ WPTRT007A - Install overhead traction equipment and components.
- ✓ WPTRT008A - Maintain overhead traction equipment and components.
- ✓ WPTRT009A - Operate road rail traction height access equipment.
- ✓ WPTRT010A - Perform rail traction switching operations to a given schedule.
- ✓ WPTRT011A - Maintain energised direct current traction overhead wiring systems.
- ✓ WPTRT012A - Maintain energised traction overhead electrical apparatus stick.
- ✓ WPTRT013A - Maintain energised traction overhead electrical apparatus glove.
- ✓ WPTRT014A - Install and maintain traction network wiring systems.
- ✓ WPTRT015A - Install and maintain traction network equipment and components.

### **Substation**

- ✓ WPTSB001A - Diagnose and rectify faults in power system substation environment.
- ✓ WPTSB002A - Carry out substation inspection.
- ✓ WPTSB003A - Install and maintain substation DC systems.
- ✓ WPTSB004A - Maintain HV power system breakers.
- ✓ WPTSB005A - Maintain HV power system transformers and instrument transformers.
- ✓ WPTSB006A - Install high current DC switchgear and equipment.
- ✓ WPTSB007A - Maintain high current DC switchgear and equipment.
- ✓ WPTSB009A - Maintain voltage regulating equipment - capacitor banks.
- ✓ WPTSB010A - Maintain HV power system static VAR compensators.
- ✓ WPTSB011A - Maintain HV power system synchronous condensers.
- ✓ WPTSB012A - Maintain voltage regulating equipment - on load tapchangers.
- ✓ WPTSB013A - Install HV plant and equipment.
- ✓ WPTSB014A - Carry out thermovision surveys.
- ✓ WPTSB015A - Maintain discrete protection and control systems.
- ✓ WPTSB016A - Commission discrete protection and control systems.
- ✓ WPTSB017A - Maintain distribution field devices.
- ✓ WPTSB018A - Commission distribution field devices.

### **System Operations**

- ✓ WPTSO002A - Manage network faults.
- ✓ WPTSO003A - Manage critical events.
- ✓ WPTSO004A - Control generating plant.

- ✓ WPTSO005A - Manage HV distribution and sub transmission network demand.
- ✓ WPTSO006A - Develop LV distribution switching programs.
- ✓ WPTSO007A - Develop HV distribution and sub transmission switching programs.
- ✓ WPTSO008A - Develop and evaluate transmission switching programs.
- ✓ WPTSO009A - Coordinate LV distribution networks.
- ✓ WPTSO010A - Coordinate HV distribution and sub transmission networks.
- ✓ WPTSO011A - Manage transmission networks.
- ✓ WPTSO012A - Manage transmission network demand.
- ✓ WPTSO013A - Coordinate LV distribution network demand.
- ✓ WPTSO014A - Develop crisis management plans.

### **Testing**

- ✓ WPTTS001A - Maintain network protection and control systems interdependent.
- ✓ WPTTS002A - Commission network protection and control systems interdependent.
- ✓ WPTTS003A - Conduct evaluation of power system faults within a substation.
- ✓ WPTTS004A - Design testing and commissioning procedures for substation and field devices.
- ✓ WPTTS005A - Test and maintain metering schemes.
- ✓ WPTTS006A - Commission metering schemes.
- ✓ WPTTS007A - Perform accuracy checks on instrument transformers.
- ✓ WPTTS008A - Test, repair and calibrate protection relays and meters.
- ✓ WPTTS009A - Develop secondary isolation instructional documents.
- ✓ WPTTS010A - Design secondary isolation instructional documents.
- ✓ WPTTS011A – Maintain, test and commission voltage regulating equipment.
- ✓ WPTTS012A - Conduct evaluation of primary plant.
- ✓ WPTTS013A - Undertake project management of substation augmentation and maintenance.
- ✓ WPTTS014A - Install and maintain power system communication equipment.
- ✓ WPTTS015A - Maintain network protection and control systems complex.
- ✓ WPTTS016A - Commission network protection and control systems complex.

### **Transmission**

- ✓ WPTTP002A - Establish and reinstate a transmission tower work site.
- ✓ WPTTP003A - Erect transmission towers.
- ✓ WPTTP004A - Erect transmission tower hardware.
- ✓ WPTTP005A - Pre-tension stringing transmission overhead conductors and cables.

- ✓ WPTTP006A - Erect transmission towers and associated hardware.
- ✓ WPTTP007A - Maintain transmission towers and associated hardware.
- ✓ WPTTP008A - Transmission tower stub setting.
- ✓ WPTTP009A - Install and maintain overhead conductors and cables towers.
- ✓ WPTTP010A - Inspect overhead structures and electrical apparatus towers.
- ✓ WPTTP011A - Maintain energised lines transmission using live line stick technique.
- ✓ WPTTP012A - Maintain energised lines transmission using Bare Hand technique.
- ✓ WPTTP013A - Maintain energised lines transmission using Bare Hand technique on a helicopter platform.
- ✓ WPTTP014A - Install and maintain overhead transmission network infrastructure.
- ✓ WPTTP015A - Install and maintain transmission network infrastructure electrical equipment.

## **Vegetation**

- ✓ WPTVC001A - Cut vegetation above ground outside live work zone near live electrical apparatus climbing.
- ✓ WPTVC002A - Operate vegetation control plant, machinery and equipment near live electrical apparatus.
- ✓ WPTVC003A - Plan for the removal of vegetation up to vegetation exclusion zone near live electrical apparatus.
- ✓ WPTVC004A - Assess vegetation and recommend control measures for work near live electrical apparatus.
- ✓ WPTVC005A - Cut vegetation above ground outside live work zone near live electrical apparatus platform.
- ✓ WPTVC006A - Cut vegetation at ground level outside vegetation exclusion zone near live electrical apparatus.
- ✓ WPTVC007A - Monitor safety compliance for vegetation work near live electrical apparatus.
- ✓ WPTVC008A - Safe use of Elevating Work Platform near live electrical apparatus.
- ✓ WPTVC009A - Control vegetation linework.
- ✓ WPTVC010A - Coordinate vegetation control work.