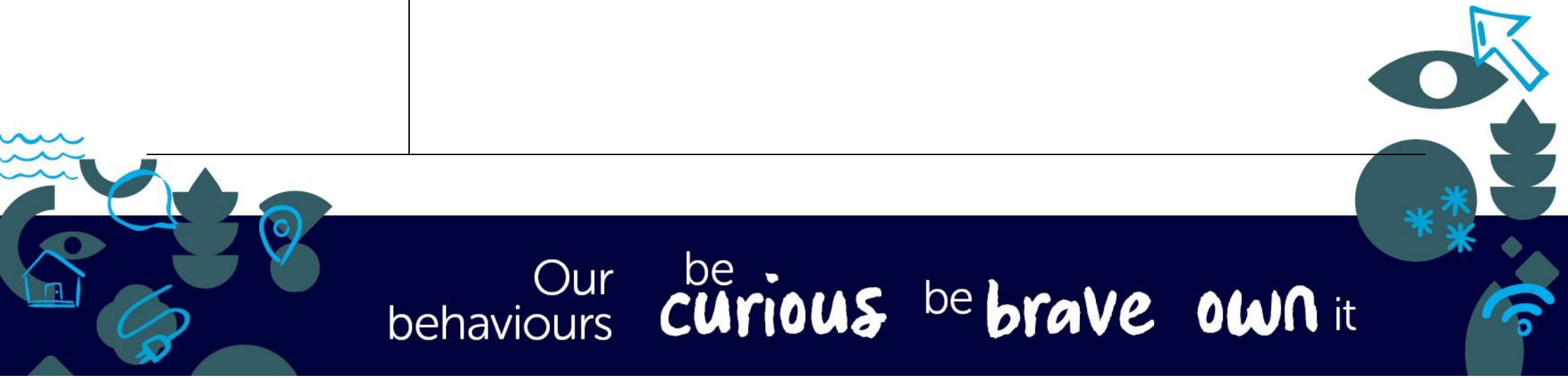
Position Description

TasNetworks | Powering a Bright Future

Protection & Control Engineer

Construction	NorthWest Transmission Developments
Objectives	• Supports the design, testing, commissioning, and maintenance planning of protection and control systems for a major transmission project. • Work closely with specialist engineers to provides industry best practices in high-voltage systems, with a strong focus on test planning, Inspection & Test Plans (ITPs), maintenance strategies, and the review and assurance of testing activities. • Support the coordination of factory and site testing activities, including FAT (Factory Acceptance Testing) and SAT (Site Acceptance Testing) and commissioning. • Support and review on site and infield with senior engineers and field technicians.
Role Specific Accountabilities	• Assist in developing and maintaining detailed test plans for protection and control systems across substations and transmission assets • Assist in the implementation and integration of 61850 into wider business across our networks • Develop with Commissioning Lead the new procedures and plans for 61850 equipment • Ensure test requirements align with project specifications, standards, and regulatory obligations • Contribute to the development of commissioning schedules and test procedures • Assist in preparing, reviewing, and maintaining ITPs for protection and control systems • Monitor compliance with ITPs during construction and commissioning phases • Support the documentation and closure of ITP hold and witness points • Review test results, reports, and commissioning documentation for accuracy and completeness • Contribute to lessons learned and continuous improvement processes • Provide support to senior engineers in protection system design and analysis • Assist with preparation of technical documentation including drawings, reports, and specifications • Participate in design reviews and technical meetings • Support troubleshooting and fault investigations as required • Any other duty or task as reasonably and lawfully directed by TasNetworks

To be successful in this role	• Recent graduate with a degree in Electrical Engineering or related discipline • Basic understanding of power systems, protection schemes, and control systems • Strong analytical and problem-solving skills • High attention to detail, particularly in documentation and data review • Proficiency in Microsoft Office (Excel, Word, etc.) • Strong written and verbal communication skills Desirable • Exposure to power system studies, protection relays, or SCADA systems • Familiarity with industry standards (IEC, IEEE, AS/NZS) • Internship or academic project experience related to power transmission or substations • Basic understanding of commissioning and testing processes



Compliance Requirements	• A satisfactory National Police Record check to confirm eligibility for the role
	
	• A 'critical worker' suitability assessment for the purposes of the *Security of Critical Infrastructure Act 2018* (Cth) (or any successor to that Act) and the *Security of Critical Infrastructure (Critical Infrastructure Risk Management Program) Rules 2023* (Cth) (or any successor to those Rules), comprised of:
	  ○ a National Security Assessment by ASIO;
	  ○ a Criminal History Check by ACIC; and
	  ○ a Right to Work in Australia check;

Reports to:	Direct reports:	Approved:
Commissioning Lead	0	July 2026