



Queensland Rail Signal testing role - Queensland electrical licence compliance agreement

The *Electrical Safety Act 2002 (Qld)* prohibits the performance or supervision of electrical work without an electrical licence except in very limited circumstances.

When an electrical licence is NOT required

An electrical licence is not required for the testing of electrical equipment if the **testing does not interfere with the integrity of the electrical equipment**. The *Electrical Safety Regulation 2013 (Qld)* outlines specific examples of such exemptions:

- Operating a test button on a safety switch within a domestic electrical installation.
- Utilising an appropriate voltmeter to measure voltage.

Function testing of Queensland Rail's signalling equipment is underpinned by the above clause, subject to **FULL** compliance with two critical conditions herein:

- 1) The testing process does not interfere with the system's integrity.
- 2) Testers operate in strict accordance with an approved safe system of work.

When an electrical licence IS required

Queensland Rail prefers signalling testers to hold valid Queensland electrical licences or an exemption in accordance with the *Electrical Safety Act 2002 (Qld)*. This requirement stems from the need for electrical professionals to perform certification, testing, and installation of signalling electrical work. Only licensed electricians are authorised to work on electrical equipment operating above extra low voltage thresholds. These thresholds are defined as 50V or less AC RMS, or 120V or less ripple-free DC. The electrical licence requirement ensures compliance with safety regulations and maintains the integrity of signalling systems.

Restriction Agreement

Rail Industry Workers (RIWs) applying for the Queensland Rail Functional Tester competency who do not hold a valid Queensland electrical licence are required to acknowledge and sign this agreement. The agreement imposes restrictions on performing electrical work by limiting the scope of activities such individuals may undertake on Queensland Rail's signalling infrastructure to **testing only**. Queensland Rail will record each worker's electrical qualifications in the RIW system.

If you're uncertain whether the task you have been assigned requires a Qld electrical licence, contact Queensland Rail Discipline Head Signalling and Operational Systems for clarification before starting the work. It's crucial to verify licensing requirements to ensure compliance with safety regulations and avoid potential regulatory legal compliance issues.

RIW Name (please print)	RIW number	Signature	Date
_____	_____	_____	_____
Witness Name (please print)	RIW number	Signature	Date
_____	_____	_____	_____