

Renewables Inspector

OUR CULTURE

The **Department for Energy and Mining (DEM)** is committed to being the Most Transformative Energy and Mining Government Department in the World. To achieve this, we have developed four key enablers to high performing behaviour. These enablers underpin everything we do.

- Our culture is diverse, professional, accountable, respectful and committed to safety. We work collaboratively so we all succeed.
- We are committed to demonstrating personal and professional leadership and value being recognised as leaders in our field.
- We deliver the best outcomes for South Australians.
- We listen and engage meaningfully so that our decisions and actions build a successful and sustainable future for all South Australians

We are a White Ribbon Accredited workplace that promotes gender equality and a zero tolerance of violence in the workplace.

DEPARTMENT CONTEXT

The **Department for Energy and Mining (DEM)** supports a strong energy and mining sector powering growth and opportunity for South Australia. We lead the responsible development of the state's mineral and energy resources, expanding knowledge of South Australia's geological and energy potential, driving industrial transformation, attracting investment, delivering major projects critical to the state's economic future, and unlocking opportunities for industry, consumers and communities.

Leading regulation, together with innovative policies and programs underpin industry performance, technical and safety standards, and environmental outcomes, building confidence among industry and community.

Regulation and Compliance deliver effective regulation to support the safe, responsible and sustainable development of South Australia's energy and mineral resources and infrastructure networks. It manages tenure, oversees activities across the project lifecycle, and regulates technical and safety standards - protecting the community and environment.

Office of the Technical Regulator (OTR) regulates safety and technical standards for electrical, gas and plumbing installations and appliances, as well as electricity, gas, water and sewerage network Infrastructure, ensuring systems are safe, reliable and compliant.

ROLE TITLE	Renewables Inspector		
CLASSIFICATION	AS07	POSITION NUMBER	PXXXX
DIVISION	Regulation and Compliance		
BRANCH	Office of the Technical Regulator		
TEAM	Electrical Installations and Product Safety		
DESIGNATED POSITION	Yes		

ROLE PURPOSE

The **Renewables Inspector** provides expert regulatory oversight and authoritative technical advice to support the safe installation, operation and compliance of renewable energy systems across South Australia. The role applies specialist knowledge of renewable energy technologies, legislation, standards and regulatory frameworks to assess compliance, manage complex technical matters and contribute to public safety outcomes.

This role is responsible for undertaking investigations into serious incidents and compliance breaches, exercises delegated statutory powers, and represents the Office of the Technical Regulator in dealings with industry, government agencies and national standards bodies. The position contributes to the continuous improvement of regulatory practices, technical standards and industry capability to support a safe, reliable and sustainable renewable energy sector.

REPORTING / WORKING RELATIONSHIP

- Reports to: Principal Renewables Inspector
- Direct reports: Nil
- Works closely with: Enforcement Inspector to ensure breaches of the Act are actioned appropriately
- Works closely and maintains close liaison with: Key external stakeholders including SA Power Networks, SafeWork SA, Consumer Business Services, the Crown Solicitor's Office and various other government agencies
- Represents the Technical Regulator on various Standards Australia committees, Electrical Regulatory Authorities Council and various local electrical industry related committees and other state jurisdictions, as required

KEY OUTCOMES

- Deliver a comprehensive audit program, using a risk-based approach, of renewable energy installations to ensure compliance with applicable legislation, regulations and standards, and support the achievement of safe electrical installation outcomes.
- Lead and coordinate complex, sensitive and high-risk renewable energy investigations and determine appropriate regulatory responses in accordance with legislative and regulatory requirements.
- Undertake investigations into serious incidents, electrical safety matters and alleged contraventions of legislation, and contribute to appropriate compliance and enforcement outcomes.
- Provide expert technical advice and guidance on renewable energy systems, electrical installations, safety requirements and compliance matters to internal and external stakeholders.
- Deliver industry engagement and capability building initiatives that improve compliance, safety performance and understanding of regulatory obligations.
- Contribute to the development and review of applicable Australian Standards and related technical requirements through participation in relevant standards committees and industry forums.
- Represent the Office of the Technical Regulator on industry, government and standards bodies, providing specialist technical expertise and advice on renewable energy and electrical safety matters.
- Exercise powers delegated by the Technical Regulator and perform duties as an Authorised Officer under relevant legislation to support regulatory, investigative and safety functions.
- Develop and maintain effective working relationships with industry participants, government agencies and other stakeholders to support regulatory compliance and public safety outcomes.
- Provide high-level support to the Team Leader, Renewables & Product Safety and Principal Renewables Inspector on complex renewable energy compliance, regulatory and electrical safety matters.

KEY CHALLENGES

- Providing consistent and defensible regulatory advice and decisions within a rapidly evolving renewable energy environment characterised by emerging technologies, evolving standards and increasing industry complexity.
- Balancing public safety, regulatory compliance and industry expectations when managing complex, sensitive and high-risk matters with potential legal, reputational and community impacts.

SELECTION CRITERIA

- Extensive experience applying and interpreting electrical installation legislation, regulations, standards and compliance requirements within a regulatory or technical environment.
- Extensive knowledge and experience in renewable energy systems and associated standards, including solar photovoltaic, battery energy storage, inverter and stand-alone power systems.
- Demonstrated knowledge of electricity network and embedded generation technical requirements, and their application within regulatory and compliance frameworks.
- Demonstrated experience conducting complex investigations, including electrical safety incidents, and applying sound judgement to determine appropriate regulatory outcomes.
- Demonstrated experience undertaking audits, inspections or investigations into potential legislative breaches, including evidence gathering, analysis and preparation of regulatory reports.
- Experience in providing technical advice on complex renewable energy, electrical safety and compliance matters to a diverse range of stakeholders.
- Demonstrated knowledge of the development, review and application of Australian Standards relevant to renewable energy and electrical installations.
- Highly developed written communication skills, including the ability to prepare clear, accurate and authoritative correspondence, reports and briefing material on complex technical matters.
- Proven ability to effectively engage, influence and provide authoritative advice to a diverse range of stakeholders and manage sensitive, contentious or challenging interactions in a professional manner.
- Demonstrated ability to build and maintain effective working relationships and collaborative partnerships with industry, government agencies and other stakeholders to support regulatory compliance and public safety outcomes.

DESIRABLE QUALIFICATIONS

- Trade qualification and/or post-trade qualification in electrical or a related discipline
- Relevant tertiary qualifications in renewable energy power systems
- Certificate IV in Training & Assessment
- Certificate IV in Government Investigations
- Training and or qualifications in conflict resolution, dispute resolution or negotiation
- Training in electric shock investigations
- Solar Accreditation Training – Grid with Solar Install and Design
- Solar Accreditation Training – Grid with Battery Install and Design
- Solar Accreditation Training – Standalone Power Systems

SPECIFIC REQUIREMENTS

- DEM encourages flexible working arrangements such as working from home, part time work, job share, compressed weeks and purchased leave. Arrangements are negotiated with the appropriate manager
- The incumbent will embrace diversity in all its forms and demonstrate inclusive behaviours in the workplace
- The incumbent will be required to maintain a safe working environment by adopting appropriate hazard management practices consistent with the role
- The incumbent is expected to uphold the ethical behaviour and professional integrity standards as contained in the Public Sector Act 2009, as well as comply with any other relevant legislated requirements.
- This position is classified as a designated position and as such, appointment to this role will be subject to a satisfactory National Police Clearance screening check.
- Participation in an afterhours On-Call roster and occasional work after hours and on weekends will be required.
- Some intrastate, interstate travel may be required, including overnight absences.
- Work will involve the investigation of fatalities and serious injuries resulting from electrical accidents which may involve the examination and handling of deceased persons.
- Participation in emergency management and disaster recovery activities will be required.
- The incumbent is expected to be involved in site inspections across residential, commercial and industrial environments, including construction sites, operational facilities, elevated work areas and restricted or confined spaces.