



TASMANIAN PORTS CORPORATION PTY LTD

POSITION DESCRIPTION

POSITION TITLE:	Engineer – Asset Risk and Compliance
REPORTS TO:	Manager Technical Services
DIVISION:	Major Projects, Assets and Technical Services
LOCATION:	Hobart/Launceston
CONDITIONS:	Permanent full-time, common-law contract

PURPOSE OF THE POSITION

To provide leadership support, technical advice and engineering expertise with a focus on asset compliance and risk management. The Engineer Asset Risk and Compliance, will ensure compliance with relevant infrastructure related regulations and standards across TasPorts assets, advising and assisting internal stakeholders to meet obligations. This is a centralised role, with responsibility for Asset Compliance activities across TasPorts operations in the state. The incumbent will be TasPorts subject matter expert in the facilitation and training of asset Management of Change and Root Cause Analysis investigations.

KEY DUTIES

The key accountabilities include, but are not limited to the following:

Leadership and Management

- Provision of design and engineering advice to the Department and TasPorts Divisions during asset management, planning, design, construction, and operation phases to facilitate provision of fit for purpose port infrastructure with a specific bent on asset compliance.
- Lead and participate in major project teams dealing with complex technical or engineering challenges or opportunities.
- Provide technical advice and planning support to the business during high-risk activities and recovery from calamity events relating to port infrastructure.
- Actively contribute to planning and executing the Infrastructure Business Plan and provide high quality information, insight, presentation, and recommendations.
- Assist in developing the team and individual capability in Engineering, Technical Services and Infrastructure risk management knowledge areas.
- Mentor and develop the engineering risk management capability within the team, regular formal and informal feedback, direction and coaching.
- Contribute to the management of TasPorts resources (budget, time, assets, etc.) with diligence and care in accordance with relevant TasPorts Standards and Policies.
- Contribute through commercial acumen, effective communication and high-level stakeholder engagement and negotiation skills.

Risk Engineering

- Developing and implementing strategies and project studies for optimising the management of asset risks and compliance requirements across the organisation;
- Ensuring effective practices and principles for engineering and design that consider safety throughout the life of infrastructure and assure quality in line with relevant Acts and Regulations, industry standards and best practice;
- Managing and ensuring currency of Hazardous Area Zone documentation and records;
- Knowledge management and maintaining and archiving of records, technical library and administering Australian Standards and guidelines;
- Leading site investigations to collect data for centralising into the Asset Management Information System, Geographical Information System, and CAD drawing records;

- Lead compliance gap analysis across TasPorts infrastructure and maintenance activities against relevant standards and codes;
- Provision of specialist technical and engineering services and advice to TasPorts during infrastructure planning, design, construction and operational lifecycle phases to facilitate provision of fit for purpose port infrastructure;
- Management of investigations and analysis of TasPorts challenges and opportunities, and development and reporting of findings, solutions and recommendations;
- Lead risk engineering processes such as HAZOP, Management of Change, and Root Cause Analysis and help drive an increase in knowledge and maturity in this space in the organisation;
- Apply effective practices and principles for design that consider safety throughout the life of infrastructure and assure quality in line with Australian industry standards and best practice and undertaking internal reviews;
- Champion Safety in Design and contribute to development of internal processes and guidelines for use in TasPorts for successful whole of life asset management;
- Review of project finalisation documents and assists in project closure with a focus on risk and compliance management;
- Identify updates or newly released standards or codes that will have an impact on TasPorts and plan response actions along with internal stakeholders;
- Perform other duties as required in accordance with qualifications and competence.

LEVEL OF RESPONSIBILITY / ACCOUNTABILITY

The Engineer – Asset Risk and Compliance is required to work independently and with minimal supervision. The incumbent is expected to use sound judgement to solve problems and meet work priorities in line with the objectives of the Division.

TasPorts Health, Safety and Environment Responsibility and Authority

Refer to section 4.3 and 4.7 of the *HSE Responsibility & Authority Procedure*.

Supervisory Responsibility

Direct reports: Nil

Indirect reports: The role may have indirect responsibility for technical trainees or consultants from time to time.

KNOWLEDGE, SKILLS AND EXPERIENCE (SELECTION CRITERIA)

1. Proven technical skills and experience in the engineering design process, including Safety in Design reviews and risk assessment workshops;
2. Analysis, research, planning and advisory skills, combined with creative problem-solving skills, for developing successful infrastructure solutions and for making expert recommendations based on sound judgements;
3. Proven skills, experience and competence in using relevant technical software packages including computer based design systems, Asset Management Information Systems and Geographic Information Systems;
4. Proven procurement, contract management and administrative skills and experience;
5. Highly developed interpersonal and communication skills and an ability to work in a team environment with a broad range of internal and external stakeholders;
6. Well-developed ability to write and present high quality technical reports and formal correspondence;
7. Proven ability to lead engineering risk assessment studies such as HAZOP/CHAZOP, CHAIR, and Management of Change processes;
8. Extensive experience in managing multiple concurrent engineering studies;
9. Strong stakeholder engagement;
10. Commercial acumen supported by good judgement and decision making;
11. Experience in identifying, managing, and communicating risks in a complex and changing environment.

QUALIFICATIONS / LICENCES

Essential

- Tertiary qualification in engineering or suitable alternative
- Current drivers' licence
- Ability to acquire and hold Maritime Identification Security Card (MSIC)

Desirable

- Post Graduate qualifications in Engineering, Management or equivalent
- Formal training in HAZOP and/or CHAIR Study facilitation
- Formal training in Safety in Design