



Position description

Position title	Manager Technology Evaluation and Assurance
Group / Branch	Enterprise Transformation and Delivery / Operational Technology
Reports to (Title)	OT Product Development Manager
Competency level	<i>People Leader</i>

Job Purpose

Lead South East Water's technology evaluation and assurance capability, managing a specialist team responsible for device testing, automated test systems and the evaluation of emerging products, sensors, software and operational technologies.

The role ensures innovative technologies are rigorously assessed, validated and transitioned into operational use to improve reliability, efficiency, safety, customer outcomes and asset performance across the water utility.

The position combines technical leadership, people leadership and liaise with suppliers to support the delivery of Enterprise Transformation and Delivery objectives and South East Water's broader strategic outcomes.

Key Accountabilities

- Lead, develop and manage a small team of engineers and technical specialists, providing performance management, coaching, development and workforce planning.
- Maintain technology evaluation, testing and assurance frameworks, standards and methodologies.
- Lead evaluation, benchmarking and validation of new devices, sensors, instrumentation, software platforms and digital technologies relevant to water and wastewater operations.
- Oversee design, development and operation of automated test systems and test environments to improve testing efficiency, repeatability and quality.
- Provide evidence-based evaluations to support technical recommendations driving investment, procurement and product adoption decisions.
- Collaborate with operational, asset management, digital, engineering and delivery teams to identify technology opportunities and business improvement initiatives.
- Manage technology trials, pilot programs and proof-of-concept activities including planning, requirement identification, test plan creation, reporting and benefits realisation.



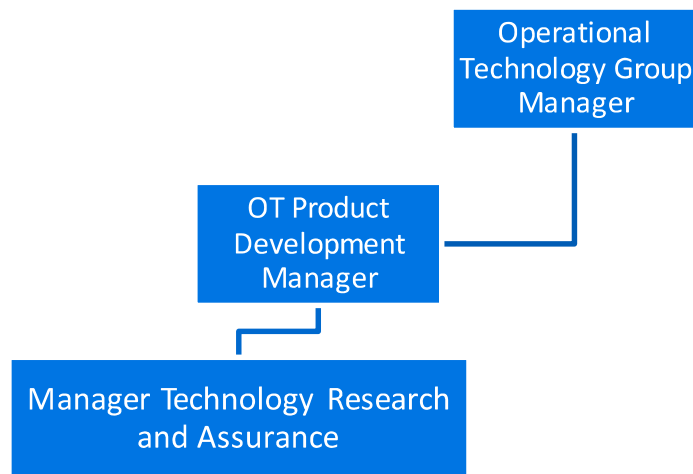
- Monitor industry trends, research developments and vendor offerings, maintaining a technology roadmap aligned to organisational priorities.
- Manage day-to-day engagement with partner research organisations to ensure strategic research projects are delivered on time, within budget, and to agreed outcomes.
- Ensure compliance with safety, cybersecurity, quality, environmental and regulatory requirements throughout testing and deployment activities.
- Manage allocated budgets, contracts, suppliers and performance metrics to achieve agreed business outcomes.

Knowledge, Skills & Experience

- Degree qualification in Engineering, Mechatronics, Electronics, Instrumentation, Computer Systems, Technology Management or related discipline; postgraduate qualifications desirable.
- At least 10 years experience in technology evaluation, product development, testing, assurance or applied research environments.
- At least 4 years of demonstrated people leadership experience managing technical and engineering professionals.
- Strong knowledge of device testing methodologies, verification and validation processes and quality assurance principles.
- Experience designing, implementing or managing automated test systems and test automation frameworks for Hardware, firmware and software.
- Understanding of sensors, telemetry, industrial control systems, operational technologies and digital solutions used within utility or infrastructure environments.
- Strong project, stakeholder and vendor management capabilities.
- Excellent analytical, investigation and problem-solving skills, with the ability to translate technical findings into business recommendations.
- Experience managing budgets, business cases, pilot programs and innovation portfolios.
- Experience with LPWAN technologies and devices operating in cellular networks is highly advantageous
- Highly developed written and verbal communication skills, including preparation of technical reports and executive briefings.

Dimensions

Organisational Chart



TBC – Add in from new structure

Number of people managed:

Approximately 3–6 direct reports, with responsibility for specialist contractors and vendors as required.

Size of budget managed:

Operating and project budgets associated with technology research, testing, pilot programs, specialist equipment and external service providers (estimated \$500k–\$2M subject to annual planning).

Value of Assets managed:

Responsible for technology testing laboratories, automated test equipment, prototype devices, software platforms and associated intellectual property and research artefacts.

Ensuring a sustainable, resilient organisation:

Supports innovation, operational resilience, asset performance, safety and continuous improvement through robust technology assurance and adoption practices.

Authorities outlined in [Instrument of Delegations](#) yes - reports to Responsible Officer

Compliance management responsibilities outlined in the [compliance and obligations register](#) none

Security for Critical Infrastructure identified role: **No**

For Engineering roles the role requires a Professional Engineer (accredited 4 year degree) and requires professional registration in Victoria

South East Water operates a 24/7 service environment. Whilst this role does not involve after-hours rostered duty, all employees may be required to provide out of hours support from time to time as required.