

Position Description

Position:	Test and Validation Engineer
Department:	Engineering
Reports to:	Engineering Services Lead
Direct Reports:	None

Position purpose:

The test and verification role is a key member of the Test and Compliance team within the Enatel group of companies, reporting to engineering services team lead and senior test engineers.

You will be responsible assisting in the successful growth of Enatel business by ensuring that our customers are supplied with the best products and service.

To plan, develop and conduct tests on our products to verify they conform to specification.

The field of focus for this role is:

- Scope, plan and undertake validation testing on Enatel's electromechanical products.
- Support directly with Enatel's validation strategy and test tool and test environment development, including automation.
- Participating as a key contributor in the release testing process of Enatel's software products.

Key responsibilities:

- Working with Internal and External Customers
 - Fully understand the internal and external customer relationships and requirements.
 - Understands stakeholder needs and expectations and monitors for changes in stakeholder requirements.
 - Manage stakeholder expectations at all levels of the business.
 - Conversant with working in a User Story based environment, concentrating on outcomes.
- Product Design, Verification and Ongoing Support
 - Understand user needs, align with different stakeholders, study systems flow and integration, define required work processes, and investigate any problem areas.
 - Develop and maintain high quality verification procedures across multiple products and product families, including verification of functionality, reliability, ease of use and maintainability.
 - Identify, prioritise, and execute tasks across the entire development life cycle from requirements capture to design integration with a specific focus on verification, and customer validation.
 - Develop test specifications and plans according to the product development plans and test strategy including manual and automated tests.
 - Generate test and validation reports for software qualification, product and integration tests following the test plan and strategy.
 - Automation of tasks through tools and scripting where appropriate
 - Escalate issues and risks in a timely manner.
 - Review / Validate documentation to a high standard as required.

ENATEL

- Design Lifecycle Management
 - Conform to product development processes, test plans, test strategies, tools, and standards while continuously improving on them throughout the entire design lifecycle.
 - Continually improve and review quality control processes, including relevant standards, peer review process, testing, and integration processes.
- The Test and Validation Engineer is a member of the Test and Compliance Team. As a member of this team, you are expected to take an interest and give input into projects being worked on by other members of the team.

Quality/productivity:

- Ensure all products are at a customer service/quality level that will delight this market segment. (From design concept spec to acceptable product field failure rate). Every element will need strict quality and test control.
- Improve productivity by highlighting deficiencies and recommending change in tools, training, processes, reporting, and employee engagement.

Other duties:

- Upholds the company values.
- Perform any other tasks as required by your Team Leader and/or the business.
- Contributes to the achievements of department goals and objectives.

Health & Safety:

- Ensuring all Health & Safety policies and rules are followed, with all tasks completed in a safety conscious manner.
- Maintaining a safe and clean working environment by complying with Enatel Policy and Procedures.
- Leads by example in all matters relating to Health & Safety.

Environmental:

Enatel is committed to minimising the environmental impact of our operations and products.

- Ensuring Environmental policies and processes are followed.

Key Relationships:

Internal	External
• Engineering	• Customers
• Production	• Distributors
• Product Management	• External Engineers
• Purchasing	• Testing Service Providers
• Dispatch	• Industrial Test Site Coordinators
• Quality	•

Person Specification:

	Essential	Desirable
Competencies	• Functional/Technical Skills - has the functional and technical knowledge and skills to do the job at a high level of accomplishment.	

	<ul style="list-style-type: none"> • Action orientated - enjoys working hard and is full of energy for the things he/she sees as challenging. • Process Management – good at figuring out the processes necessary to get things done. Can simplify complex processes. • Learning Agility - the ability to learn quickly in a new environment. • Problem Solving – looks for opportunities to resolve issues and solve problems. Learns quickly when facing new problems. • Integrity and Trust – is seen as a direct, truthful individual; is widely trusted. • Ethics & Values - Has an appropriate and effective set of core values and beliefs, and acts in line with those values at all times. 	
<p>Skills, Experience & Knowledge</p>	<ul style="list-style-type: none"> • Safety-First approach. • Process knowledge including quality, NPI and development. • Minimum 3 years' experience in a related function is required, technical background. • Excellent analytical and problem-solving skills, combined with the ability to provide quick resolution to problems. • Strong verbal and written communication skills are mandatory. • Must be customer service orientated and believe in teamwork, collaboration, adaptability, and initiative. • Strong mechanical and electrical aptitude are essential. • Ability to adapt to and employ new productivity and procedural tools would be an advantage in a fast-growing workplace. • Knowledge about Power conversion system would be an advantage. • Familiarity with software development processes and basic networking would be an advantage. • Experience with any programming language/framework (e.g. Python, LabView, TestStand, Selenium) would be an advantage. Knowledge about Compliance (UL, CE, RCM, RoHS) is useful. 	<p>Necessary training in the above will be provided if needed.</p>
<p>Qualification / Licenses</p>	<ul style="list-style-type: none"> • Relevant tertiary qualification would be an advantage. 	