

Position Description

Position: Senior Test and Compliance Engineer

Department: Engineering

Reports to: Engineering Services Lead

Direct Reports: None

Position purpose:

The key purpose of the Senior Compliance Engineer position is to provide experience and skill across the compliance function at Enatel. The position plays an active part in the planning of current and future products as well as relevant quality checks throughout the development process to verify conformance to specification.

The position also provides technical leadership across the Engineering Services Team and wider group, particularly coaching and inspiring our next generation of engineers.

Key responsibilities:

- Working with Internal and External Stakeholders
 - Fully understand both internal and external relationships and requirements, including global regulatory compliance requirements.
 - Understands stakeholder needs and expectations and responds to changes in stakeholder requirements.
 - Manage stakeholder expectations at all levels of the business.
- Leadership
 - Lead team members through investigation, planning and implementation of design solutions that meet customer and compliance needs.
 - Provide technical leadership coaching, support, and development of other team members across engineering.
 - Identify and work with the Engineering Services Lead to implement opportunities for improvement within the team.
- Product Verification, Validation and Compliance
 - Interpret and advise others on applicable standards to ensure a clear, concise, and consistent interpretation of requirements and the associated implications on design decisions.
 - Collaborate to ensure all products and their associated documentation are fully compliant with applicable customer, legal, and regulatory requirements.
 - Establish compliance and reliability test standards, perform diagnostic procedures and troubleshooting, and analyse findings.
 - Isolate non-compliance and reliability issues and pursue resolution.
 - Record test results to document compliance.
 - Prepare and present compliance and conformity reports with analysis of measurements, statistics, and other relevant data.
 - Plan, manage, and liaise with external agencies and laboratories, including certified and independent test laboratories as required, to meet requirements for global markets.
 - Maintain regulatory filings through routine compliance and good record keeping.
 - Ensure calibration and appropriate maintenance of all relevant equipment used in the compliance process.
 - Assist external regulatory representatives (e.g., UL) during site inspections, product investigations and product certification.

- Update compliance knowledge as requirements change by staying current with applicable standards and tracking / researching emerging practices.
- Maintain Enatel's standards library to the latest revision of applicable standards.
- Escalate issues and risks in a timely manner.
- Work to plan and commit to schedule.
- Design Lifecycle Management
 - Conform to compliance processes, tools, and standards (including environment, change and configuration management 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 Senior Test and Compliance Engineer is a member of the Research and Development Team. As a member of this team, you are expected to take an interest and give appropriate input and advice into projects being worked on by other members of the team.

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
<ul style="list-style-type: none"> • Sales/Marketing team, Product Management 	<ul style="list-style-type: none"> • Customers
<ul style="list-style-type: none"> • Project Management 	<ul style="list-style-type: none"> • Third party manufacturers & other suppliers
<ul style="list-style-type: none"> • Engineering teams including CAD Services, Systems Solutions, Power Conversion and Storage and Power Management. 	<ul style="list-style-type: none"> • Contractors
<ul style="list-style-type: none"> • Operations team including manufacturing, sourcing, logistics 	<ul style="list-style-type: none"> • External test laboratories
<ul style="list-style-type: none"> • Other Enatel departments as required 	

Person Specification:

	Essential	Desirable

<p>Competencies</p>	<ul style="list-style-type: none"> • Functional/Technical Skills - has the functional and technical knowledge and skills to do the job at a high level of accomplishment. • 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>	<p>8+ years proven experience in engineering compliance, verification, validation, and compliance.</p> <p>Extensive experience with system verification, compliance, and project management practices.</p> <p>Experience using system verification tools and automated testing frameworks (including LabView).</p> <p>Knowledge of national and international regulatory frameworks including UL, RCM, CE, CEC, FCC and CB as well European directives (low-voltage, EMC, RED).</p> <p>A proven ability to work with regulatory and compliance bodies to ensure product compliance. This includes successful discussion around the interpretation of compliance requirements and design implementation.</p> <p>Understanding of design for EMC and subsequent test.</p> <p>Experience using test and monitoring tools (oscilloscope, spectrum analyser and power meters).</p> <p>Understanding of Agile development tools and techniques scrum and Kanban.</p>	<p>Experience in differing SMPS topologies, PCB layout for power solutions (including creepage and clearance distances) and SMPS design (closed loop control, amplifier / magnetics design and noise control).</p>

	<p>Proficient in configuration management and change control.</p> <p>Understanding of electronics design, including the ability to understand and navigate electrical schematics.</p> <p>Analytical mind with problem-solving aptitude.</p> <p>Ability to work independently.</p> <p>Strong organizational and leadership skills.</p>	
<p>Qualification / Licenses</p>	<p>Degree in electrical / electronic engineering, mechatronics, software engineering or equivalent vocational training.</p>	<p>Membership of a relevant industry body (e.g., IEEE)</p>