

## Job Description

TITLE:	Test Engineer
REPORTING TO:	Software Team Leader
DEPARTMENT:	Transport

### PURPOSE OF THE ROLE

The role involves, but is not limited to:

- As a Test Engineer, your main responsibility will be writing and executing manual/automated tests based on project requirements for various projects within the transport department. You will also document any faults found during testing and assist the software team in fault reproduction. On completion of testing you will produce test reports detailing the results.
- You will also assist the Senior Test Engineer in building and maintaining test rigs and associated test equipment.

### KEY WORKING RELATIONSHIPS:

- Working with the software development team – To assist in fault analysis and reproduction.
- Working closely with the Senior Test Engineer and other Test Engineers to ensure that test instructions cover all requirements and that testing is completed within project time plans to ensure deliverables are achieved the role is aligned with the business mission and vision as set out in our strategic objectives

The role shall be aligned with Petard SPIRIT values.

- **Safety:** Safety is at the heart of everything we do. We take care of our employees, our customers, and the environment around us.
- **Partnership:** We develop long term, trusted relationships with our customers, suppliers, and industry leading organisations to ensure we deliver the highest calibre solutions on time.
- **Innovation:** We develop creative and intelligent solutions to advance our business, and our technology roadmap. From our process to our products, we prioritise continuous improvement and innovation.
- **Responsive:** We are responsive, even anticipatory, to our customers' needs and the market's evolving requirements.
- **Integrity:** We act fairly, ethically, responsibly, and sustainably in all that we do.
- **Talent:** We appreciate the skills, experience and attributes of our team and we will continually invest to harness, develop and nurture their talent.

### EXPERIENCE / KNOWLEDGE

A good candidate will be able to demonstrate experience / competency in the majority of the following:

- Understanding of Electrical Circuits and Schematics.
- Basic understanding of IP addressing.
- Basic knowledge LINUX systems and commands.
- Reading requirements and writing test instructions.
- Writing Robotframework scripts for automated testing including use of Selenium.
- Logical Approach to fault analysis and problem solving.
- Use of Microsoft Word/Excel
- Use of JIRA for fault logging
- Use of GIT for version control.
- It would be useful to have exposure to Python

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### QUALIFICATIONS

- Educated to HNC Level in Electrical Engineering or associated field.

### SPECIFIC RESPONSIBILITIES

Specific responsibilities include:

- Analyzing requirements specifications and writing test instructions in Microsoft Word and Robot Framework.
  - Executing Test Instructions and analyzing results.
  - Logging any faults found in JIRA.
  - Assisting with faulty analysis and reproduction with the software development team.
  - Writing test reports on completion of test execution.
  - Site visits to assist with on train testing.
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- Such other duties as the Company may from time to time reasonably require.
  - Petards Joyce-Loebl is committed to compliance with all relevant EU and Member State laws in respect of Personal Data that the Company collects and processes. All full and part time employees and agency contractors who receive or have access to Personal Data collected or processed by the Company shall ensure compliance with the General Data Protection Regulation (GDPR) in accordance with the Company Data Protection Policy.