Job Purpose:
Reporting to the Production Engineering Manager, The Production Engineer role is focused on supporting the engineering, production and quality departments. The role requires an individual to pick up and resolve a variety of production engineering issues, which will require a proactive and hands on approach to problem solving and an ability to work with minimal supervision.

The role would suit an engineer with a mechanical engineering background, possibly a graduate engineer with industrial/manufacturing experience, an ex-apprentice or an existing production engineer.

Key Accountabilities:
- Manage day to day production engineering and engineering change activities, with responsibility of ECN administration and implementation including updating of engineering drawings, manuals and associated documentation.
- Supporting the quality engineering function – liaising with engineers and suppliers to overcome day to day product and quality issues.
- Investigation of issues and proposing solutions to the lead engineers and Production Engineering Manager.
- Supporting the engineering department for NPI.
- Producing component and assembly drawings in 3D CAD (Solidworks).
- Prepare and issue/update BOM's to operations/production.
- Design production tooling for assembly aids/ fixtures.
- Liaise with internal departments and suppliers in order to produce manufacturable, reliable and cost effective products
- General engineering administration.

Context:
Operating Environment: Hartridge are the designers, manufacturer & supplier of diesel fuel injection equipment to test diesel injection systems for OE & aftermarket applications. Hartridge traditionally has operated in top end of the OE & aftermarket with its main competitor being BOSCH. With the introduction of new to range products, Hartridge will focus on expanding its market share by winning new customers in new markets in addition to maintaining it's core business in the premium OE segment.

Knowledge, Skills & Experience:
Essential requirements:
- HNC or degree qualified in an Engineering discipline with 2+ years' experience in a manufacturing industry- Mechanical based but Electrical knowledge essential.
- Ability to understand geometric tolerancing for machined components and fabrication.
- Familiarity with complex assemblies.
- Experience, and the willingness to have a hands on approach
- Experience with hydraulics, pneumatics, mechanical assemblies and electrical layouts.
- 2+ years' experience of 3D Solid Modelling design software (SolidWorks is mandatory) and preferably 2D AutoCAD/Draftsight.
- Knowledge of SolidWorks PDM.
- Experience of MRP systems for stock control.
- Familiar with Microsoft Word, Excel.

Non-Essential but Desirable Requirements:
- Experience in quality engineering.
- Understanding of Lean Manufacturing principles/5S.
- Familiar with Microsoft Powerpoint.

The successful candidate will:
- Have a broad experience of engineering design and manufacturing processes.
- Be a team player, comfortable working in a small team and building strong professional relationships.
- Have the ability to organise and take responsibility for their own work.
- Have a proactive approach to work and be good at problem solving and suggesting new ideas.
- Have the ability to communicate effectively at all levels.
- Be flexible and keen to assist in a variety of ways on a variety of projects.
- Be confident and have a "Can Do" attitude.
- A multi-tasker and a finisher