**JOB DESCRIPTION**

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| **Job Title** | **Draughtsperson** |
| **Reports To** | **Engineering Manager** |
| **Function** | **Engineering** |
| **Version/Date** | **April 2025** |

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| **Company / Function**[Pearson Engineering Ltd](http://www.pearson-eng.com) is a world leading provider of counter-mine and combat engineering equipment. Our product range is wide and varied, including complex attachments for armoured vehicles and remote controlled mine clearance systems. The Draughting team fits within the Engineering function and leads on CAD models / Engineering drawing / manufacturing data pack production to all engineering disciplines. The team also provides best practice guidance for the use of the PEL CAD system for all CAD users. |
| **Job Purpose**Reporting to the Engineering Manager, the primary role is to leverage their technical expertise and experience to contribute and manage the production of 3D models and detail manufacturing drawings of products across PEL’s range of products, following the Company’s defined engineering processes.  |
| **Key Responsibilities**1. Working with a multi-discipline engineering team to develop robust 3D models from a provided concept through to manufacturing detail, including fabrication, assembly, schematic drawings, and specifications of PEL’s products.
2. Work within PEL’s bespoke data management system.
3. Participating in internal design reviews, providing input into the development of a product.
4. Assist with publishing of engineering data using PEL’s bespoke publishing tool.
5. Production of concept drawings in conjunction with engineers to assist with sales opportunities.
6. Working cross functionally (Commercial, Sales, Projects teams) within the business to improve efficiency and deliver effective products.
7. Communicating professionally with fellow staff, directors, and clients.
8. Other related duties as assigned.
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| **Personal attributes and other requirements** * Experience with Autodesk products, including Autodesk Vault and Autodesk Inventor preferred.
* Experience of multibody part modelling and parametric modelling (preferably within the Autodesk Inventor).
* Experience of producing large fabrication drawings.
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| **Working Conditions*** Mainly office based with visits to external customers (both UK and overseas) from time-to-time.
* Working conditions whilst on customer sites may include working outside of normal business hours and being required to work in inclement/uncomfortable field conditions.
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