Role definition

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| Job title: | PP&E CAD Engineer |
| Reports to: |  |
| Direct reports: |  |
| Business unit: | Baker Hicks Limited | Location: | Reading |

Summary

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| Provide a CAD based design service supporting the Manufacturing Engineers,Operational Facilities, Production Agencies and/or Programmes across thecompany, in the provision of equipment that meets the needs of manufacturingprocesses within delegated areas of responsibility. |

Key objectives

Principal responsibilities and accountabilities

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| To ensure that the design, procurement, prove-out and operation of toolingand equipment is safe, cost effective, maintainable, controlled and configuredin accordance with company standards, the Manufacturing Authority procedures and current legislation |
| That all technical aspects of new and current tooling and equipment withindesignated area of responsibility are available and underwritten, including but notlimited to:* Design of equipment utilising Autodesk Inventor software
* Presentation of the design at process and/or design reviews
* Production (or management of the production) of all Technical Product
* Specifications in support of the design (drawings, specifications, MI’s etc)
* Manage the modification of existing equipment as required in accordance with
* MFG 1168 including the preparation and maintenance of CAN’s
* Produce and maintain Design History Files utilising EDMS
* Prove out the tool or equipment in conjunction with the ME
* To ensure responsibilities are understood and applied with regard to the
* Company’s Environment, Health, Safety, Security and Quality Standards
* To safeguard Company information and assets from unauthorised access or
* disclosure, reporting security breaches and apply security at all times
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Person specification

Qualifications and training

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|  Engineering Degree in Mechanical or Manufacturing Engineering, with an Engineering Apprenticeship or recognised formal training in mechanical engineering |

Technical skills and experience

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| **Knowledge*** Advanced working knowledge of CAD techniques, preferably Autodesk
* Inventor software
* Advanced knowledge of Manufacturing Techniques and Processes
* Advanced knowledge of Product Definition (Drawing) Standards
* UK Health and Safety Legislation
* Quality Standards and Procedures
* Configuration Management
* Advanced knowledge of the Product lifecycle Management of data (PLM)

**Experience*** Proven product design experience preferably in a production support area
* including the generation/modification of design documentation packages
* including supporting calculations and reports
* Practical experience of machine tools, production activities and processes

**Skills*** Good interpersonal skills and an ability to interact at all levels
* Advanced skills in the use a variety of Computer Software packages including
* 3D CAD Systems, preferably Autodesk Inventor. EDMS software.
* Application of product design standards
* Competent in the writing of Technical Reports and presenting of technical
* information

Special Requirements* Nationality : Not Dual Nationality
* Security Clearance: SC level
* To be fit and able to work on a nuclear licensed site
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| NAME | DATE |
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