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 the  company, in the provision of equipment that meets the needs of manufacturing  processes 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 tooling  and equipment is safe, cost effective, maintainable, controlled and configured  in accordance with company standards, the Manufacturing Authority procedures and current legislation |
| That all technical aspects of new and current tooling and equipment within  designated area of responsibility are available and underwritten, including but not  limited 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 |

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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