Role definition

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| Job title: | Piping Designer | | |
| Reports to: |  | | |
| Direct reports: |  | | |
| Business unit: | Baker Hicks | Location: | Salford Quays |

Summary

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| Piping and process equipment design and layout, primarily for the chemicals and pharmaceutical sectors, but experience in other sectors useful. Must have familiarity with AutoCAD Plant 3D. Experience of other AutoDesk AEC Collection products would be beneficial. |

Key objectives

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| Working within a multidisciplinary team with engineers and designers, in the production of design deliverables for projects within the chemicals and pharmaceuticals sectors. |

Principal responsibilities and accountabilities

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| * Production of 3D models in AutoCAD Plant 3D * Production of 2D plant layout drawings in AutoCAD * Drafting of P&ID’s in AutoCAD * Running 3D model reviews * Consideration of access requirements for maintenance and operability * Occasional visits to sites in the UK may be required, including occasional overnight stays * Site surveys including taking dimensional measurements * Understanding of process requirements, ability to interpret process P&ID’s * Understanding of piping specifications and ability to translate into piping isometrics * Design of piping supports * Checking of piping design documents, including checking isometrics * Ability to work to a programme, a fixed work-hour budget, and tight deadlines |
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Person specification

Qualifications and training

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| **Essential:** n/a  **Desirable:** n/a |

Technical skills and experience

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| **Essential:** Knowledge of Autocad Products, particularly Plant3D , experience in the production of process piping 3D models, 2D equipment layouts, P&ID’s, and piping isometrics.  **Desirable:** Chemicals sector experience, experience in the use of intelligent P&ID’s, knowledge of piping specifications. |

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