Role definition

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| Job title: | Piping Designer | | |
| Reports to: | Lisa Craig | | |
| Direct reports: | N/A | | |
| Business unit: | Baker Hicks | Location: | Glasgow |

Summary

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| Piping and Layout design lead to support multiple projects across UK. Based in any of our 4 UK offices (Glasgow, Manchester, Warwick, London) but working remotely (1 day/week in office is required). This role will lead the piping and layout resource across several projects, as well as contributing to the development of piping and 3D modelling systems and procedures. Must have competence with AutoCAD Plant 3D. Experience of other AutoDesk AEC Collection products would be beneficial. Duration 24 months. |

Key objectives

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

Principal responsibilities and accountabilities

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| * Managing and supervising other piping designers on chemical, pharmaceutical, and food sector projects in the UK * Checking others work, reviewing and approving deliverables * Reporting on progress and forecasts for time and cost * Developing piping & layout systems and standards * Developing cats & specs database where necessary * 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 * Understanding and knowledge of piping specifications and design codes * Appreciation of layout requirements for hygienic pipework (food / pharma sector) * Performing design work to support the team as necessary   + Layout of process equipment and pipework using AutoCAD Plant 3D   + Production of isometric drawings from Plant 3D model   + Production of 2D plant layout drawings in AutoCAD   + Drafting of P&ID’s in AutoCAD   + Design of piping supports |
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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. Experience in chemicals, food, or pharmaceuticals sector. Experience of leading teams. Knowledge and experience of cats & specs in Plant 3D. Experience of administration of AutoCAD system.  **Desirable:** Pharmaceutical sector experience including design of hygienic piping systems, experience in the use of intelligent P&ID’s, knowledge of piping specifications and design codes. |

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