Role definition

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| Job title: | Graduate Engineer – High Voltage | | |
| Reports to: | Office Lead - Power | | |
| Direct reports: | N/A | | |
| Business unit: | Baker Hicks Limited | Location: | Warwick |

Summary

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| Baker Hicks have grown rapidly in the Transmission & Distribution sector over the last six years and have been successful in winning a number of major projects within the UK. As the demand to deliver exceptional engineering design from our clients continues to grow, an opportunity has arisen for a Graduate Electrical Engineer. |

Key objectives

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| The Graduate Electrical Engineer – HV role will be reporting to the Senior / Principal Engineer – Power and will be responsible to ensure the quality and consistency of output in the production and control of drawings and technical documents. You will also work with the Sector Director - Power to assist during the bid process in order to secure further work. |

Principle responsibilities and accountabilities

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| The candidate will gain experience (depending on role) in the production of all designs, calculations, reports & drawings associated with new or refurbishment EHV projects from 11kV – 400kV covering EHV cabling, primary design, earthing design and protection & control. This will cover the production of bonding line diagrams, primary layouts, cable calculations and software modelling, Earth system modelling and other technical documentation.  The candidate must have a sound level of maths and science, preferably from a power engineering background and have good communication skills. In the role they will manage the production of deliverables through a robust checking process but must also develop drawing office standards, mentor and train the CAD technicians and when work dictates support the actual delivery of the outputs.  The candidate must be enthusiastic, mature enough to operate in a diverse team and work without full time supervision. This role can lead to many career paths for the employee as they develop through the Baker Hicks engineering development process. |
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Person specification

Qualifications and training

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| * Minimum BEng / Bsc in Electrical Engineering preferably with Power / High Voltage background * Ideally MEng / Msc in Electrical Engineering with Power / High Voltage background |