

POSITION DESCRIPTION: Area Commissioning Electrician

LOCATION: North West (Liverpool)

POSITION PURPOSE: Specialising in commissioning electrical installations, this role is responsible for ensuring the successful commissioning and functionality testing of pumping systems, while adhering to health and safety (including all relevant UK electrical and workplace safety regulations) standards, and project deadlines.

RESPONSIBLE TO: Southern/Northern Electrical Manager • Pump Rental Solutions

REGULAR CONTACTS:

External	Customers – new, existing, and National accounts Suppliers Local Business Groups
Internal	Group Technical Solutions Director Director of Special Projects & Solutions SHEQ Director & Team Fleet Support Managers Sales Managers and Sales Teams Solutions Director, PMs and Solution Teams Installation and Electrical Managers and Teams Electrical Department Operational Managers

MAIN RESPONSIBILITIES:

- Complete commissioning activities for pump system installs, including but not limited to, level controllers, flow meters, Inverters, control valves, generators, and Programmable Logic Controllers.
- Document commissioning procedures, system configurations, and parameters accurately onto electrical commissioning reports and the internal intranet, so correct up to date information can be utilised for future projects.
- Perform functional testing of pumping systems to ensure proper operation and adherence to manufactures and company specifications.
- Collaborate with other disciplines and departments to resolve any installation issues or discrepancies, working with the Electrician to demonstrate correct ways of working to prevent repeat errors.
- Provide comprehensive job handover to customers, including safe system operation, practical in the field training, documentation, and commissioning pack.
- Troubleshoot and diagnose electrical and control system issues to ensure customer requirements are always met.
- Ensure compliance with electrical installation safety regulations and company policies throughout the commissioning process.

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- Maintain accurate records on the internal intranet, of commissioning activities, including test results, drawings, photos, and equipment manuals, to be referenced in future projects.
- Assist Electrical department Managers, Heads of, and Directors in the development of commissioning plans and procedures for new projects.
- Continuously update knowledge of industry standards, codes, and best practices related to pumping systems and electrical installations, by completing Selwood issued workshops, training, eLearning, and development courses.
- Guide and mentor electricians aspiring to enhance their skills by openly sharing your own knowledge and experience, fostering a culture of learning within the team.
- Act as a mentor for Apprentices (where Apprentices are in post), actively engaging with the learning content needed, reviewing assignments, meeting with assessors, and providing honest and constructive feedback to further their own self development.
- Familiarise yourself with new equipment and train Electricians on the new equipment, using own knowledge to ensure Electricians are using equipment safely and to correct standards.
- Work with other disciplines to develop complex control philosophies when required by a client to produce bespoke and complex solutions.
- Flexibility to travel to job sites and work outside of regular business hours as needed. Stay overs may be required on large commissioning jobs.

The main responsibilities are outlined above. This is not a definitive list and other tasks/activities may be necessary as the Company's commercial activities require.

QUALIFICATIONS & EXPERIENCE:

Essential:

- NVQ Level 3 as a minimum
- ECS Card to installer standard
- Previous experience in an electrical commissioning role.
- Skilled in deciphering and interpreting electrical schematics, wiring diagrams, and technical drawings, adept at translating written information into actionable solutions and functional equipment.
- Proven ability to create a supportive and nurturing environment that fosters continuous learning and professional growth among team members.
- Strong understanding of electrical systems, including motors, controllers, and instrumentation.
- Proven practical and technical experience with 3-phase systems.
- Proficient in drafting commissioning reports, documenting procedures, and recording test results, with a knack for customizing information for both internal and external audiences, employing suitable methods to effectively convey crucial details.
- Knowledge of relevant safety standards and regulations, such as BS 7671, BS EN 60204, and Health and Safety at Work Act.
- Excellent troubleshooting skills and the ability to solve complex technical problems.
- Effective communication skills, both verbal and written, for interacting with team members and customers.
- Demonstrable practical experience with pumping system brands or manufacturers.
- Experience with PLCs, HMIs, and control system integration.
- Knowledge of energy efficiency principles and practices in pumping systems.
- Exhibits strong self-management skills, adept at effectively prioritising tasks to ensure high-quality completion within deadlines, even when faced with multiple conflicting priorities.

Qualifications:

Essential:

- C&G 2382 -18th edition IET Wiring Regulation
- C&G2391- Inspection Testing & Certification
- JIB Registered (ECS card Holder)
- Full UK Driving Licence

Preferred:

- HNC electrical engineering
- IOSH Managing Safely
- SMS safety qualification