

Job Title	Commissioning Engineer
Date	August 2026
Location	Site Based

WE ARE CDE.

HERE TO CREATE OUR BEST WORLD, A TON AT A TIME.

Sand is a finite resource, and it's running out. Today, population growth and the pace of progress means the world is devouring sand like never before – 50 billion tonnes a year globally. This demand is unsustainable. Together with our customers we have already diverted over 100 million tonnes of waste material from landfill and put it back into the materials market for use in construction; protecting sand & aggregates in areas where natural material reserves are in decline and enabling production to happen closer to markets. We are minimising environmental impact and laying the foundations for the circular economy.

At CDE we work across the natural processing and waste recycling sectors, in five regions, to pioneer industry-leading, world-changing engineering solutions. Our headquarters are in Northern Ireland, and we have offices in the USA, Australia, Austria, and Brazil. For over 30 years we have relentlessly innovated and co-created wet processing solutions – completing over 2,000 global projects – and we're only getting started. Our purpose is to create our best world, a ton at a time; empowering our customers to transform their materials into valuable resources for the betterment of people, planet, and their bottom lines.

Discover more about life at CDE www.cdegroupp.com

Job Purpose

To commission designated projects, assuring that all systems and components of the plant are installed, tested, operated, and maintained according to the operational requirements of the customer and delivered in a safe and orderly manner.

Responsibilities

- Provide Process / MEICA (Mechanical, Electrical, Instrumentation, Controls, Automation) commissioning services.
- Deliver engineering solutions on projects with a diverse range of objectives, to relevant legislation and policies
- Interfacing with a wide range of specialists, engineering professionals, construction management teams, project site staff and other relevant parties

- Be experienced in carrying out installation, replacement, servicing, calibration, and commissioning on 3-phase systems, e.g. VFD's, Soft starts, contactors, motors, etc. and instrumentation e.g. sensors, detection, measurement, calibration equipment
- Assisting in the early identification and resolution of potential problems
- Manage provision of a safe working environment and personal safety equipment appropriate to the task in hand
- Carrying out Mechanical and Electrical monitoring on-site, reviewing plant operations/installations safely and to the appropriate level of completion and quality
- Assisting management on delivery of the project to the required standard, on time and within budget.
- Take ownership of any problems identified, ensure these are passed onto relevant manager or closed out as appropriate
- Advise and train plant operators and maintenance personnel on the correct operation and maintenance of their plant. Ensure Customer or key stakeholders are advised of inadequate housekeeping and maintenance on their part
- Feedback and follow-up on required plant alterations for specific customer problems and general continuous improvements
- Apply as a minimum, quality and environmental standards required under the company Quality and Environmental standards/procedures
- Communicate effectively to ensure both internal and external customers are informed of project progress and issues
- Always ensure full compliance to our H&S Management system, H&S legislation and customers site rules

Commissioning Engineer Skills, Knowledge, and Experience

<i>Criteria</i>	<i>Essential</i>	<i>Desirable</i>
Qualification/ Attainments	- Electrical Qualification - Certificate of Education or Equivalent	Provide Process / MEICA (Mechanical, Electrical, Instrumentation, Controls, Automation) commissioning services
Relevant Experience	3 years' service/commissioning experience in a relevant engineering industry - Experience in MS Office Word & Excel - Experience with control panel fault finding - Experience with 3-phase systems	- Experience with heavy machinery - Experience in dealing with customers - Fully conversant with all Health & safety regulations - Manual Handling training - MEWPS training - Experience with MS PowerPoint - PLC experience
Aptitudes	- Good planning & Organisational Skills - Effective communicator – both verbal and written - Excellent Interpersonal skills - Ability to build relationships quickly - Self-starter - Methodical	Ability to carry out training (preferably holding a Training qualification)
Disposition	- Physically fit and capable of lifting items as required for the job - Capable of climbing ladders and working at height - Assertive - Confident	
Circumstances	- Willing to undertake extensive travel, both in the UK and Worldwide for extended periods - Clearance to work in Europe	Clean current driving license

CDE are a global company and welcome applicants from all countries and backgrounds. Desirable criteria may be used for shortlisting. The Company reserves the right to vary criteria at the shortlisting stage