

Job title	Data Centre Mechanical Commissioning Engineer	Date: May 2025
Reports to (title)	Commissioning Manager	
Contract/Department	Data Centres	Revision
Location	National	

## Job purpose

Describe the overall purpose of the job in two or three sentences.

Reporting to the National Commissioning manager, you will assist in developing and growing a commissioning team for our various Data Centre clients.

You will also ensure that a planned, programmed, auditable and structured approach to the commissioning process is carried out to the highest standards, making sure the installed M & E project services operate in accordance with the design intent.

## Duties/responsibilities/accountabilities/deliverables

List the main aspects of the job, with an emphasis on duties and responsibilities for junior roles, and accountabilities and deliverables for more senior roles.

- Supervise EMCOR engineers and third parties for commissioning activities to ensure safe, compliant, and accurate testing is achieved.
- Write and Review Commissioning procedures and Safe System of Work for suitability of the activity.
- Prepare and Submit Commissioning Documentation for presentation to the Commissioning manager and / or client for review and approval
- Plan onsite commissioning activities including having an approved commissioning procedure, an approved Safe System of Work and co-ordination with other working parties including attending site progress meetings.
- Ensure all required test equipment is available and within date calibration records.
- Successfully deliver pre-start briefing to entire working party including client witnesses for the commissioning with all parties fully understand the testing requirements and their individual roles to achieve a safe and compliant commissioning activity.
- Ensure the commissioning documents and safe systems of work are followed by all involved in the activity.
- Witness and close out commissioning activities through to client acceptance or handover
- Raise technical issues and seek guidance from the National commissioning manager or engineering support, when a system does not operate as expected or defects are found during the commissioning stage.
- Lead onsite commissioning activities in accordance with the testing and project programme.
- Where necessary conduct tests and inspections to verify that equipment and systems are installed correctly and function as per design.
- To work closely with the Project Management Teams to ensure the requirements for the Commissioning phases are clearly communicated and understood
- Liaises with Statutory Authorities on matters associated with plant and equipment start-up, as applicable.

- When required attend Factory Acceptance witnessing with the client.

## Resource responsibilities

Indicate the typical number of direct reports, financial responsibility, control over subcontractors and any responsibility for assets, systems or outsourced services.

Responsibility for commissioning activities of each Project whilst ensuring budget and timescales are adhered to.  
Management of sub-contractors, suppliers (corporate/non corporate) and manufacturers during commissioning phases.

## Person specification

Describe the knowledge, skills, qualifications, personality and experience required for the job.

The position requires good communications skills to establish and communicate all systems required for successful execution of the Commissioning scope/plan. The candidate requires significant technical experience in Mechanical services, including pumps, valves, pipework and HVAC systems.

Knowledge of relevant standards.

The role requires a minimum of 5 years of professional & technical experience as a commissioning engineer in the Data centre environment, being familiar with the commissioning process and different levels of testing throughout the project phases.

Ideally, but not essential to have good knowledge and understanding of electrical and standby power systems.

Strong leadership and communication skills including:

- Methodical thinker, able to divide a job into small logical progressive steps
- Extensive experience in the use of procedures and workflows in the execution of projects
- Good working knowledge of design review and reporting technologies.
- Good IT skills

## Other factors relevant to the job

# Job Description

Enter any additional information which the job holder would need to know, for example: requirement for UK-wide travel, shift patterns, night working, call outs etc.

- UK wide travel will be required.
- Must hold a valid UK Driving Licence.
- CSCS card in relevant field.
- Required to wear corporate PPE.
- To have a professional approach to work alongside our prestige customer/s.

Line Manager Signature	
Print Name	
Date	

Job Holder Signature	
Print Name	
Date	

<i>FOR HR USE ONLY:</i>				
<i>Job Grade</i>		<i>EMCOR Competency Level</i>		<i>Training Profile UTC</i>