

# Job Description

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<b>Job title</b>	Lead UPS engineer	<b>Date: 08/01/2026</b>
<b>Reports to (title)</b>	Senior Critical Environment Manager	
<b>Contract/Department</b>	AWE	<b>Revision: V2</b>
<b>Location</b>	Aldermaston	

## Job purpose

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

EMCOR UK are looking for an enthusiastic and capable individual to join our Critical Environment Team. A Lead UPS engineer This team will support and manage critical battery backup systems, ensuring all task are delivered on time, maximising efficiency and minimising disruption to the facility and all with in accordance with the service level requirements to ensure sites high level of availability.

## 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.

Ensure that all members of the technical staff are sufficiently trained and experienced for the tasks they complete. To include but not limited to:

- Carry out site visits for service and maintenance (PPM) requirements, fault diagnosis, testing and repairs on all types, makes and manufacture of UPS, batteries, switchgear, control systems and associated critical electrical
- Document and support the corrective actions identified,
- Support and facilitate specialist subcontractors/vendors during planned, reactive or project tasks while ensuring they conform to the site procedures and agreed safety documentation.
- Ensure that personnel issued works instructions and documentation required to complete tasks in accordance with the 12-week plan,
- Review 3<sup>rd</sup> Party RAMS, following basic sanity checks,
- Carryout battery impedance testing and battery replacements and installations.
- ensure all contract documentation is processed, issued, receipted and distributed to appropriate stakeholders and records are kept in accordance with the contract requirement and contractor processes, primarily; Via PLOW's, Monthly, Quarterly and Annual reporting.
- Provide first line response, diagnosis and resolution for critical equipment.

# Job Description

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- Carry out investigations and inspections of UPS, batteries, switchgear, control systems, associated electrical
- Carry out installation and commissioning of UPS and battery systems and assist on installations for a wide variety of critical power equipment.

Ensure all Shift Staff adhere to all relevant EMCOR and AWE safety rules and processes

Ensuring in conjunction with the Technical Planner and Critical Environments Manager that all PPM tasks are closed within the required timeframes

## Resource responsibilities

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

### **Management Responsibility:**

- Direct report – UPS engineers

### **Financial responsibility:**

- Supporting the ordering of materials

### **Asset/System Responsibility:**

- responsible for the maintenance and performance of assets within demarcation zones e.g., systems, electrical infrastructure, back-up powers systems, reporting Environmental conditioning etc.
- Responsible for the delivery of quality of service

### **Supply Chain Partner Responsibility:**

- responsible for adherence to site rules, agreed contractual SLA of tasks and delivery of quality of service

## Person specification

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

# Job Description

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## Essential

- Previous Battery backup Experience,
- Strong DC Electrical Knowledge & experience
- Able to organise and manage own workload
- Positive proactive attitude and can take ownership of the site
- Aware of Critical environments and understand risk factor to site and operations
- Good knowledge of LV switchgear, Generators, Cooling systems and UPS systems
- Hold a valid UK driving license
- Good admin skills with Microsoft packages
- Good interpersonal and communication skills
- LV switching Experience

## Desired

- SC/DV Clearance
- Minimum of 5 years of Critical environment experience
- Understanding of critical infrastructure
- Understanding of Data Centre standards and guidance literature
- Served a full Technical Apprenticeship and hold a technical qualification (C&G, HNC, ONC etc)
- Good understanding event management
- Knowledge of optimal use of CMMS packages
- NEBOSH / IOSH
- 18<sup>th</sup> Edition

## Other factors relevant to the job

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.

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Line Manager <i>Signature</i>	
Print Name	
Date	

Job Holder <i>Signature</i>	
Print Name	
Date	

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