

## **Attachment-2-5-3 – Technical Knowledge or Qualifications**

### **1.0 SITE MANAGEMENT AND CONTROL**

Amazon Data Services Ireland Limited (ADSIL), a subsidiary of Amazon EU S.à r.l. (Luxembourg), will have overall responsibility for the management and operation of the facility. ADSIL have a number of established facilities in Ireland and have a well-established management structure.

The organisational and management structure for this facility is presented in Appendix A to this document.

Whilst the entire leadership team has specific responsibilities for environmental and health and safety matters, the primary responsibility for the facilities maintenance and compliance with its Industrial Emissions licence rests with the Data Centre Engineering Operations (DCEO) Area Manager. The DCEO Area Manager is supported by the DCEO Facilities Manager and the DCEO Chief Engineer for each data storage facility.

The DCEO Team are responsible for maintaining all critical infrastructure at the data storage facilities. When critical infrastructure is impaired or has the potential to become impaired the on-call Engineering Operations Technicians (EOTs) are responsible for undertaking the required actions onsite.

The Regional Environmental Manager and Regional Environmental Engineer(s) are available to assist the DCEO team in environmental compliance matters.

### **2.0 SITE OPERATIVES RELEVANT TO LICENCE**

#### **2.1 DCEO Area Manager**

The DCEO Area Manager has primary responsibility for Data Centre engineering operations including risk management and mitigation, corrective and preventative maintenance of critical infrastructure, vendor management and metric reporting. They are responsible for the on-site management of shift technicians, senior shift technicians, sub-contractors and vendors, ensuring that all work performed is in accordance with established practices and procedures.

The DCEO Area Manager oversees the operation and management of both routine and emergency services on critical systems. They may also assist with projects to increase current efficiency.

The DCEO Area Manager will typically have a relevant bachelor's degree with 4+ years of relevant work experience and at least 2+ years of management experience.

#### **2.2 DCEO Facilities Managers**

Each of the data storage facilities will have a designated DCEO Facilities Manager. The DCEO Facilities Managers will support the DCEO Area Manager.

The DCEO Facilities Manager will oversee managing and developing the teams of engineers and technicians, providing both technical and leadership expertise, as well as assisting and managing relationships with external vendors and contractors.

They will be responsible for ensuring each site adheres to and exceeds Environmental Health and Safety standards and will assist in implementing service methodologies including incident management, problem management, change management and capacity management.

Each data storage facility has their own Facilities Manager and Chief Engineer, as shown in Appendix A. The DCEO Facilities Manager is responsible for liaising with internal teams and management groups.

The DCEO Facilities Managers will typically have a relevant degree and 4+ years of relevant experience.

### **2.3 DCEO Chief Engineer**

The DCEO Chief Engineer for each of the data storage facilities is responsible for ensuring that all electrical, mechanical, and fire/life safety equipment within the data storage facility is operating at peak efficiency. This involves planned preventative maintenance of equipment, daily corrective work, and emergency response. The CE serves as an expert technical resource interacting with onsite Engineering Operations Technicians and any third-party vendors. They are expected to be a singular focal point for all facility operations within their data storage facility.

Their responsibilities include:

- Management DCEO Engineering Team.
- Establish performance benchmarks, conduct analyses, and prepare reports on all aspects of the critical facility operations and maintenance.
- Responsible for the on-site management of shift technicians, senior shift technicians, sub-contractors, and vendors.
- Oversee operation and management of routine and emergency services on a variety of critical systems such as: switchgear, generators, UPS systems, power distribution equipment, chillers, cooling towers, computer room air handlers, building monitoring systems, etc.
- Work with IT managers and other business leaders to coordinate projects, manage capacity, and optimize plant safety, performance, reliability and efficiency.
- Respond to out of hour's emergency calls – second level escalation point for Data Centre facilities related issues / failures.

Each DCEO Chief Engineer will typically have a relevant qualification in an applicable engineering discipline and would typically have at least 2+ years' experience in that discipline.

### **2.4 Regional Environmental Manager**

The Regional Environmental Manager is responsible for developing the environmental compliance programme. They monitor onsite performance, analyse environmental metrics and review weekly and monthly trends to determine where improvements are needed.

They develop the relevant environmental procedures and ensure site leadership and associates are trained and knowledgeable of their responsibilities under the applicable environmental regulations, programs, procedures, and Amazon global policies. They also audit the quality, delivery (including qualifications of the trainer), and effectiveness of all required environmental training.

The Environmental Manager measures and analyses each sites' performance against published requirements in environmental policies. For all deficiencies, they identify a plan for the site to implement and fix the problem. They also facilitate root cause analyses for all environmental incidents and recommend appropriate corrective actions for network implementation.

They ensure that each site meets their calendar regulatory requirements. The Environmental Manager will typically have a relevant degree and would typically have 4+ years of relevant experience.

## **2.5 Regional Environmental Engineer**

The Regional Environmental Engineer is responsible ensuring day to day environmental compliance. Their responsibilities include:

- Manage and oversee compliance with local and regional environmental regulations and Amazon policy. This includes all basic environmental compliance disciplines.
- Develop regional strategic programs by enhancing engineering, construction, and operations.
- Function as a leader regarding regulatory agency interactions, permit evaluation and processing, and new process and technology introduction in the business.
- Ensure work performed by contractors, consultants, and employees are completed in accordance with Amazon third-party standards.
- Develop environmental performance metrics and measure and monitor against those metrics for process improvement.
- Conduct thorough and accurate environmental audits for continuous improvement.
- Represent ADSIL at appropriate levels with governmental agencies and throughout the company.

They would typically have a relevant qualification and would typically have 4+ years of experience working with environmental regulations and compliance in Ireland.

### Appendix A Organisational Chart

