

JOB DESCRIPTION – Commissioning Engineer

Job Title	Commissioning Engineer
Date Reviewed	February 2024
Responsible To	Commissioning Manager
Responsible For	None
Location	Ireland

Business Profile

AVK are the UK's leading provider of critical power systems and maintenance that guarantee reliable power. For over 30 years we've been supplying UPS systems, standby diesel generators and more recently Battery Storage and Gas Generation solutions providing our clients with reliable back-up power schemes for their mission critical services and systems.

We are trusted by many of the UK's largest Data Centre operators, Finance & Banking providers and Telecommunications companies to design, install and maintain 100% power integrity by providing diesel/gas generators, uninterruptible power systems, battery storage, switchgear, protection relays and turnkey solutions.

AVK specialise in all aspects of the design, planning, implementation and on-going maintenance of critical power systems. We provide solutions for standard or large-scale bespoke applications, covering all project sizes from £1k up to £30m. Our extensive and growing client base reflects our highly regarded reputation for both quality and service.

Role summary

The role of the Commissioning Engineer is to provide technical assistance to the Project Director, Commissioning Manager, Engineering Manager and Project Managers to enable technical submittals and drawings to be prepared during the project life cycle, supervision of installations and final commissioning, testing and handover to the client.

Key Tasks

In the main, you would be working with the following types of systems and equipment which would include.

1	Single and multiple LV/HV generator systems.
2	Generator control systems including PLC controls.
3	Switchboards and their control systems.
4	Fuel systems including fuel transfer and fuel polishing systems.

Responsibilities

1	To review client/customer technical specifications and drawings, working closely with the project team.
2	If required. Participate in project / commissioning meetings and progress meetings with clients and consultants.
3	Carry out site surveys and produce reports.
4	Carry out generator factory acceptance testing
5	Supervise the installation of generator systems
6	Complete testing and commissioning of generator systems to customer, consultants, and end user.
7	Commissioning activities are performed on every piece of equipment or system in accordance with customers specifications and to make certain all test results are acceptable and permanently recorded and distributed correctly.
8	Provide and carry out customer / end user training as required.
9	Provide technical support in the production of risk assessments, method statements and test documents.
10	Provide technical support and assistance to internal engineering department teams.
11	Always apply and maintain safe working practices.

Person specification

Key skills and knowledge	Desired/Essential
The ability to work on your own initiative and as part of a team	Essential
Full driving licence	Essential
Good fault-finding abilities with strong communication skills	Essential
Previous experience in both single and multiple HV generator systems	Essential
Great customer awareness with the ability to respond to customer requirements effectively and efficiently.	Essential