



KEY FACTS

Location: Offshore Substations
(Wind Power)

Client:
OFTO (Offshore Transmission Owner)

Location: UK, North Sea
and Irish Sea

Scope of work:
OSP Fire Safety Management Survey
- a comprehensive survey and design
review prior to final handover the OSP
Fire Safety Systems should operate
as designed to appropriate regulations
and future Fire Safety Management
can be cost effectively managed.

OSP Fire Safety Support:

- Fire Detection / Suppression system service support and service as required by BS / EN Standards
- Fire Extinguisher Testing and Service
- Emergency Light Testing and Service
- Fire System repair and replacement.

Delivery: Detailed Reports (System Condition with Action Points)

Project Profile

Fire Safety Management for Industrial Applications

Fire safety management is the legal and moral responsibility of all business owners and asset managers. Proeon Systems has skill sets and knowledge to provide capable and competent engineers with the specialist knowledge to keep your personnel and assets safe. Fire safety management includes; fire prevention solutions, fire detection systems, emergency lighting, means of escape for both onshore and offshore premises, and detailed individual evacuation plans.

Proeon Systems are able to offer extensive fire safety management and support to our clients, and ensure that they employ engineers who are experienced and qualified. All of our engineers are experienced in; fire safety engineering, fire alarm engineering, installation and service, fire extinguishment system maintenance, electrical / plc controls, and consultancy. Proeon are capable of applying this expertise to not only our own equipment designs, but to other manufacturer's equipment, so that we are able to provide support and retrofit enhancements.

Proeon offer a range of services that include:

Fire Safety System and Field Device Specification Review

Proeon has the experience and competence to advise the most cost effective solution for a compliant system that will provide protection for the life of the asset. Reviews are carried out by trained and experienced fire safety engineers, with a wealth of knowledge managing fire safety within the industrial and commercial settings. Proeon fire safety engineers are registered third party certified fire risk assessors by the institute of fire engineers.

Fire Detection and Suppression Systems

Proeon Systems can provide fire detection and suppression systems, and all of our field equipment is provided with the required marine and SIL Certification.



Proeon Systems are the UK preferred supplier of Scame Sistemi Fire & Gas Systems. SCAME Solutions provide a unique system that is customisable, so that we are able to tailor the system to meet the exact needs of the client.



Given our background and our working relationship with Apollo Fire Detection Equipment, we believe that Proeon Systems can make a positive contribution to any installation.

KEY FACTS

Consultancy

- Design and Specification Review
- Handover Surveys
- Means of Escape / Evacuation Plans
- Gas Modelling Surveys
- Fire Safety Management System

Services

- Fire Alarm Service & Repair
- Fire Alarm fault repair
- Fire Suppression System Repair
- Fire Trace Installation & Service
- Emergency Light Test, Service and Repair

Systems

- Fire Detection
- Gas Detection Systems
- SIL 1, SIL2 and SIL3 systems
- Fire Suppression Systems
- Hazardous Area Instrumentation.

Fire Safety Handover Surveys

A key moment during the Fire Safety Management process is when the facility is handed over to the client, once the build has been completed. By providing independent third party support, Proeon are able to offer a comprehensive survey and design review prior to the build being transferred to the end user. This is the most opportune time to flag any specific items that may require specialist fire safety knowledge to ensure compliance and a long lasting solution. Note: all reports are independent and subject to third party review certification.

Fire Safety Reviews / Management

The fire safety order requires that the responsible person must carry out and regularly review a fire risk assessment of the facility by a competent and trained person. This process identifies what is required to prevent fire and keep people safe. Proeon provide detailed fire safety reports, with achievable action plans and documentation, to demonstrate active fire safety management.

Fire Detection / Suppression System Service

Servicing the fire detection and suppression systems provides system integrity and is an obligation of managing the fire safety for the facility. Proeon engineers will carry out your servicing in accordance with BS5839-1:2013, providing a detailed report on the panel, listing each of the devices to provide 'peace of mind.' Proeon engineers also have extensive experience and are able to address and resolve recurring faults and false alarms in the most efficient and cost effective manner.

Fire Extinguisher Service / Fixed Fire Suppression System

Fire extinguishers require stringent maintenance to ensure they will work when needed and, more importantly, are safe. Fire extinguishers are pressurised vessels that can explode when corroded or damaged, and have been known to cause serious injury and even death. Proeon engineers can carry out your servicing in accordance with BS5306-6, and provide our clients with a detailed report, listing the condition of each one.

Gas Detection Coverage / Risk Assessment

The detection of flammable or toxic gas systems require detection to be placed as part of an engineered solution which assess the occupancy, processes, and risk involved. This enable proeon to design the correct coverage for the level of risk identified and we ensure our engineers have the skill set and software tools to provide cost effective solutions to address those risks. With each gas detection coverage plan, there will also be an action plan to ensure the mitigation supporting the design is maintained.

Other Services to Support Asset Management

Proeon Systems embodies a comprehensive collection of experience in the design and implementation of complex high availability control systems for a variety of industries, and the company has extensive knowledge of the design and implementation of:

- SCADA
- Integrated control
- Instrumentation systems design
- Communications / telecommunications / PABX systems
- HVAC control systems and service
- Diesel generator controls
- CCTV
- Protection relays
- Embedded systems design