

Employee Name			
Job Title	Senior Fire Equipment Engineer		
Reports to	Services Team Lead		
Supervising	Fire Equipment Technician		
Document Number	WKS-ENG-002	Revision Number	A0 (08/02/2021)
Based	Aberdeen Workshop / Onsite		

Job Purpose

To carry out work on a range of activities involving fire and safety equipment and systems, as well as cylinder and valve testing, inspection and filling activities at the Oteac Core and onsite marine locations. To ensure all activities are completed in line with industry, engineering and HSEQ standards.

Core Responsibilities / Duties

This job profile has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all responsibilities, qualifications and competencies required of employees assigned to the role.

- Servicing of portable fire equipment and fire systems including deluge, gaseous, water mist and foam systems.
- Servicing of respiratory protection equipment including breathing apparatus, escape sets, airline equipment and smoke hoods.
- Servicing and calibration of portable gas detection equipment (various manufacturers).
- Servicing, testing, inspection and recertification of safety equipment (life rafts, lifejackets, fire equipment etc.).
- Fabrication of gaseous and water mist systems.
- PRV testing and cross calibration of gauges and pressure testing of pipework.
- Assisting in the collation of survey data to support engineering projects.
- Liaising with customer to advise completion of work, content of any remedial issues and agreed course of action.
- Production of a detailed and comprehensive reports and fact sheets at job completion.
- Assisting in the collation of survey data to support engineering projects.
- Coach and advise utilising the "workshop manual" to encourage and train others to gain valuable service experience.
- Working with marine administration staff and managers to review and manage all projects, services to meet deadlines and complete certification.
- Ensure vehicle is always fully equipped for service jobs.
- Safe dismantling of equipment for disposal as per company risk assessments.
- Deployment of H2S equipment in support of drilling or production operations including containerised high pressure breathing air compressor systems

- Training of personnel in the doffing, donning and safe use of equipment in the event of an emergency
- Review safe operating procedures, risk assessments and emergency response plans to determine adequacy and suitability for implementation.

Cylinder and Valve Inspection and Testing Activities and Cylinder Filler Activities (as per UKAS):

- Carry out initial inspection of cylinders and attached fittings and valves.
- Carry out blocked valve testing before devalving and inspection of cylinders.
- Thoroughly examine cylinders determining typical defects based on manufacturing methods.
- Hydrostatic pressure testing and post-test examination and drying of cylinders.
- Basic and full service of cylinder valves in line with manufacturers requirements and the latest British Standards.
- Inspection and measurement of cylinder walls internally and externally including the operation and function of drying equipment, water and air supplies and associated distribution systems.
- Recording all tests in an approved manner and completing workshop records and administration including preparation of test certification.
- Mentoring and developing other members of staff under UKAS standards.
- Carry out filling of cylinders with compressed or liquefied gas and the completion of supporting documentation.
- Check valve torque setting is in accordance with the required torques identified by the manufacturer or British Standard BS EN ISO 13341.
- Ensure that the correct gas or liquefied gas is used to fill cylinder in accordance with the manufacturers stated pressure or lower if requested by customer.
- Carry out leak checks on cylinders once filled.
- Packaging of cylinders in accordance with manufacturers and client's requirements for onward transportation.
- Assist with mentoring and developing staff in the procedures as outlined by UKAS.

HSEQ Responsibilities

- By adhering to Nucore Group's HSEQ policies and procedures, ensure safe working practices are followed at all times.
- Report any unsafe conditions, behaviours or acts to management, or by using the Nucore Group observation card system.
- On request, actively participate in HSEQ audits and inspections.
- Complete mandatory HSEQ training as identified on the Nucore Group training matrix.
- Continually practice good housekeeping standards.
- Ensure all waste handled is disposed of in a suitable manner.
- Where required, adhere to the controls described in risk assessments, safe systems of work and COSHH assessments, and highlight any shortcomings in the existing controls.

Qualifications and Training

Essential

- N/A

Desirable

- Time-served apprenticeship or qualified to HNC/HND level in Fire Equipment related discipline.

Experience

Essential

- Demonstrable experience working in a similar role within Fire Safety industry.
- Demonstrable experience working in a client/customer facing role.

Desirable

- Experience in Oil, Gas and Marine industry.

Knowledge and Skills

Essential

- Sound communication skills (written and oral) with ability to communicate technical requirements of the role with all levels of the business.
- Demonstrate attention to detail and accuracy skills whilst working under pressure.
- Ability to prioritise own work and demonstrate a pro-active and flexible approach to meet the needs of the business.
- Computer literate in all Microsoft packages.

Desirable

- Knowledge and understanding of writing quality reports.

Additional Requirements

An annual refresher will be required as part of the Cylinder and Valve Inspector and Tester activities that will cover; Legislation (including ADR, CDG, TED and PED), National Standards (including British Standards, UKAS, HSE, BCGA, IMCA and IMO requirements), manufacturing techniques on seamless steel, seamless aluminium and composite cylinders.

Signed by Employee		Signed by Line Manager	
Date		Date	