**Job Title** Building and Plant Maintenance Engineer

**Department** Facilities Department

**Reports to** Engineering Manager

**Responsible for** N/A

# Primary Objectives

* The Operation and maintenance of Life Support Systems (LSS) and building services
* Ensure all systems are operated and maintained in accordance with statutory regulations and company policy
* Maintain service provision within Service Level Agreements
* Ensure all areas of the National Marine Aquarium (NMA) site are fit for purpose and maintained to a high standard expected by NMA customers, clients and staff
* Deliver the National Marine Aquarium mission: Connecting us with our Oceans

# General – Duties

* + To assist other Engineers, the Engineering Manager & Head of Operations in ensuring that the requirements of the Health and Safety at Work Act 1974, and all related legislation (including environmental) are adhered to.
  + Ensure that the NMA site is maintained with a high level of focus on public safety.
  + To provide, an out-of-hours emergency response service (on-call rota) and ensure actions are communicated to the Engineering Manager and Engineering team.
  + The operation and maintenance of the main life support systems (LSS) for aquarium livestock.
  + PPM’s and Reactive Maintenance of building services for the aquarium, restaurant, gift shop, catering outlets and learning centre.
  + Work with the Engineering and Husbandry Teams to ensure that water quality to all life support systems is maintained within SLAs and ensure close coordination of activities.
  + Assist other Engineers, the Engineering Manager & Head of Operations by carrying out delegated tasks to ensure that the NMA buildings, estate and facilities are maintained cost effectively to a high standard via technical systems, regular site inspections and both planned and reactive maintenance throughout the facility.
  + Assist other Engineers, the Engineering Manager & Head of Operations in ensuring that all equipment is maintained in good working order in accordance with maintenance schedules and manufacturers’ O&M manuals.
  + Respond to ad-hoc technical support and assistance to other departments as and when required.
  + The supervision of external contractors, providing technical advice and assistance as necessary, ensuring adherence to Health & Safety legislation.
  + Undertake training as deemed appropriate to your role.
  + At all times to behave in a safe and responsible manner in accordance with the company Health & Safety policy and the requirements of Health & Safety legislation relating to your responsibilities and to promote and act in the employer’s best interest.
  + To adopt a flexible approach to working hours to ensure the viability of NMA operations. This includes varied shift patterns.
  + To provide assistance to co-workers as required.
  + To carry out other activities as appropriate on the instruction of the Engineering Manager, Operations Manager, CEO or other Senior Managers.
  + Provide support to and mentor any Apprentice Engineers in employment.

# Duty Engineer

* + To undertake the role of Duty Engineer on an agreed rota system as directed by the Engineering Manager and to be within mobile data or wi-fi coverage and within 30 mins of the NMA whilst Duty Engineer. Flexibility with Duty Engineer shifts to ensure coverage during periods of holidays and sickness.
  + To closely follow Duty Engineering responsibilities and lone working procedures during any out-of-hours emergency call-out.

# To act as Emergency Evacuation Officer in the event of an emergency warning signal or evacuation.

# Qualifications and Experience:

* Ideally be qualified to a minimum of NVQ3 in Mechanical and/or Electrical Engineering, time served 3-year apprenticeship or equivalent.
* Good mechanical engineering skills i.e. pumps, fans, HVCA, heat exchangers, pipework and fittings, pneumatics
* Good electrical engineering skills i.e. supply and distribution, 12, 24, 230 & 415V, sensors, probes, relays, contactors and control systems.
* Good multi-discipline fault-finding and emergency correction skills
* A good level of IT skills to encompass MS Office packages and specific building services software.
* A good appreciation of H&S requirements associated with building and plant maintenance.
* Varied additional qualifications and experience i.e. Work at Height, Confined Space, Electricity at Work, L8, F-Gas Regs.