



TRINITY HOUSE

## ROLE PROFILE

### LIGHTHOUSE MAINTENANCE ENGINEER (CONTROL AND COMMUNICATIONS)

---

#### JOB PURPOSE

To carry out multi-skilled technical tasks in support of the Field Operations programme.

KEY RESPONSIBILITIES	Field Operations	<ul style="list-style-type: none"><li>▪ Carry out work allocated by Technical Manager or Senior Technician within technical competency.</li><li>▪ Responsible for inspection, installation and routine maintenance of engineering systems on the wider Trinity House Estate within technical capabilities.</li><li>▪ Responsible for the inspection and maintenance of PCB's, including repairs to component level.</li><li>▪ Pre-commission and on-site commissioning of AtoN related systems.</li><li>▪ Work to planned maintenance systems and schedules.</li><li>▪ Provide technical assistance and feedback on design, assembly, installation and commissioning of AtoN systems.</li><li>▪ Review and amend drawings for accuracy following re-engineering works.</li><li>▪ Lead small departmental projects ensuring engineering processes and standards are applied.</li><li>▪ Carry out civil based tasks within capabilities i.e. husbandry, minor building maintenance.</li><li>▪ Accountable for the stores issued for the execution of assigned tasks.</li><li>▪ Maintain and improve standards of work through undertaking training, attending courses and keeping up to date with technical bulletins.</li><li>▪ Undertake additional tasks and responsibilities as assigned or necessary, within the scope of the role.</li></ul>
	Health & safety management	<ul style="list-style-type: none"><li>▪ Within area of responsibility, ensure compliance to all relevant health and safety practices by staff and contractors, in accordance with Trinity House health, safety and environmental and quality management policy and relevant laws.</li></ul>

	<b>Asset management</b>	<ul style="list-style-type: none"> <li>Advise the Technical Manager on potential improvements in maintenance regimes and potential improvement projects using the yellow belt process.</li> <li>Ensure delivery of appropriate feedback covering all work completed.</li> <li>Identify, examine and report the cause for degradation in performance or failure of AtoN, associated structures, equipment and systems, depot plant, machinery, tools and test equipment.</li> <li>Work with the Technical Manager to provide a high priority response to AtoN failures, which in the view of management cause a serious threat to mariners.</li> </ul>
	<b>Supervising others</b>	<ul style="list-style-type: none"> <li>Supervise the work of contractors or direct staff in the execution of maintenance.</li> <li>Support the development of new team members or apprentices as appropriate, including task related supervision.</li> <li>Required to train and oversee the work of other staff and contractors as required.</li> <li>Provide first line supervision of the teams assigned on a project basis ensuring:               <ol style="list-style-type: none"> <li>Site CDM compliance.</li> <li>Programmed works are completed in the most efficient and timely manner, in line with installation plans.</li> <li>Completed works meet the Trinity House standard for quality and signed off as complete.</li> <li>On site drawing amendments are updated and required reports are completed accurately and in a timely manner, including the Daily Diary Sheet.</li> <li>The site Waste Management Plan is updated in a timely manner.</li> </ol> </li> </ul>
<b>ENTRY REQUIREMENTS</b>	<b>Skills and experience</b>	<ul style="list-style-type: none"> <li>A good level of experience in a technical maintenance/installation role.</li> <li>Experienced in the maintenance of PLC based control systems.</li> <li>An appropriate level of practical training as provided by a craft apprenticeship.</li> <li>Expansive knowledge of electronic fault finding to component level.</li> <li>Knowledge of Health &amp; Safety regulations and Electricity at Work regulations desirable</li> </ul>
	<b>Qualifications</b>	<ul style="list-style-type: none"> <li>A level 3 qualification in a relevant electronic based discipline or suitable experience.</li> <li>Full driving licence</li> </ul>
	<b>Professional Competencies (IET)</b>	<ul style="list-style-type: none"> <li>Knowledge and understanding</li> <li>Design, development and solving engineering problems</li> <li>Responsibility, management or leadership</li> <li>Communication and interpersonal skills</li> <li>Professional commitment</li> </ul>