### Critical Work Functions and Key Tasks

<table>
<thead>
<tr>
<th>Critical Work Functions</th>
<th>Key Tasks</th>
<th>Performance Expectations</th>
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<tbody>
<tr>
<td>Control the operation of the ship and care for persons on board</td>
<td>Monitor and control compliance with legislative requirements and measures to ensure safety of life at sea, security and protection of the marine environment</td>
<td>in accordance with: Standards of Training, Certification and Watchkeeping for Seafarers (STCW)</td>
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<tr>
<td>Manage maintenance and repairs</td>
<td>Detect and identify the cause of machinery malfunctions and correct faults</td>
<td>Ensure safe working practices</td>
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<tr>
<td>Manage electrical, electronic and control engineering operations</td>
<td>Manage operation of electrical and electronic equipment</td>
<td>Manage troubleshooting and restoration of electrical and electronic control equipment to operating condition</td>
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<tr>
<td>Manage marine engineering operations</td>
<td>Manage the operation of propulsion plant and machinery</td>
<td>Plan and schedule operations</td>
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<td></td>
<td>Manage the operation, surveillance, performance assessment and maintaining of safety of propulsion plant and auxiliary machinery</td>
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<td></td>
<td>Manage fuel, lubrication and ballast operations</td>
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</tbody>
</table>

### Technical Skills and Competencies

**Electrical, Electronic and Control Engineering**
- Level 4

**Fire Prevention and Fire Fighting**
- Level 4

**Maintenance and Repair**
- Level 4

**Personal Survival Techniques**
- Level 1

**Propulsion, Plant and Machinery**
- Level 4

**Ship Medical Care**
- Level 2

**Ship Seaworthiness and Pollution Prevention**
- Level 4

**Ship Security**
- Level 4

**Survival Craft and Rescue Boats**
- Level 2

### Generic Skills and Competencies (Top 5)

**Communication**
- Advanced

**Decision Making**
- Intermediate

**Global Mindset**
- Intermediate

**Interpersonal Skills**
- Intermediate

**Leadership**
- Intermediate

### Programme Listing

For a list of Training Programmes available for the Sea Transport sector, please visit: [www.skillsfuture.sg/skills-framework/sea-transport](http://www.skillsfuture.sg/skills-framework/sea-transport)