<table>
<thead>
<tr>
<th>TSC Category</th>
<th>Quality Management</th>
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<tbody>
<tr>
<td>TSC</td>
<td>Technical Inspection</td>
</tr>
<tr>
<td>TSC Description</td>
<td>Execute formal inspection exercises to ensure quality, safety, and reliability, adhering with technical specifications and compliance requirements</td>
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<thead>
<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
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<tbody>
<tr>
<td></td>
<td>MAR-QUA-2007-1.1</td>
<td>MAR-QUA-3007-1.1</td>
<td>MAR-QUA-4007-1.1</td>
<td>Develop technical inspections and procedures and review effectiveness</td>
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### Knowledge

- **Level 1:** Conduct inspections and tests according to work plans
- **Level 2:** Execute technical inspections of systems, marine equipment and special category components
- **Level 3:** Develop technical inspections and procedures and review effectiveness

- **Methods of conducting basic technical inspections**
- **Types of tools and equipment required for inspection work**
- **Standard functional operation of components and systems**
- **Inspection plans**

### Abilities

- **Level 1:** Check inspection and test tools and equipment
- **Level 2:** Test functional operation of components and systems to ensure product meets quality and safety standards
- **Level 3:** Inspect equipment for damages against quality and safety standards
- **Level 4:** Verify inspections are completed according to inspection plans

- **Check inspection and test tools and equipment**
- **Test functional operation of components and systems to ensure product meets quality and safety standards**
- **Inspect equipment for damages against quality and safety standards**
- **Verify inspections are completed according to inspection plans**

- **Level 5:** Determine inspection and test tools and equipment to be used
- **Level 6:** Examine complex marine equipment to identify faults
- **Level 5:** Identify components and systems that do not meet quality and safety standards
- **Level 6:** Classify faults according to criticality and organise corrective measures

- **Determine inspection and test tools and equipment to be used**
- **Examine complex marine equipment to identify faults**
- **Identify components and systems that do not meet quality and safety standards**
- **Classify faults according to criticality and organise corrective measures**

- **Record faults using appropriate forms and documentation procedures**
- **Ensure work orders are completed effectively**

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- **Ensure work orders are completed effectively**

- **Review work orders and specifications to determine inspection and test requirements**
- **Confirm inspection and test procedures to be applied**
- **Review technical inspection procedures to ensure effectiveness**

- **Review work orders and specifications to determine inspection and test requirements**
- **Confirm inspection and test procedures to be applied**
- **Review technical inspection procedures to ensure effectiveness**
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<th>Report inspection results and necessary follow-up to appropriate personnel</th>
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