<table>
<thead>
<tr>
<th>TSC Category</th>
<th>Workplace Safety and Health Management</th>
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<tbody>
<tr>
<td>TSC</td>
<td>Workplace Safety and Health Management in Marine Industry</td>
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<tr>
<td>TSC Description</td>
<td>Manage operational issues associated with the controls and put in place appropriate risk control measures in the marine industry</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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<td>WPH-WSH-2082-1.1</td>
<td>WPH-WSH-3082-1.1</td>
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<td>WPH-WSH-5082-1.1</td>
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- Identify common safety and health hazards and support appropriate control measures in the worksite
- Oversee or supervise works or processes in shipyard to carry out the works or processes safely and without any risks to health
- Mitigate operational issues associated with the controls and support implementation of control measures in the marine industry
- Handle the operational issues associated with the controls and management of risks in the marine industry

**Knowledge**

- Importance of Workplace Safety and Health (WSH)
- Consequences of unsafe work practices and workplace conditions
- Salient WSH legal and other requirements relevant to marine industry
- Overview of WSH management system
- WSH duties and responsibilities in the marine industry
- Safety and health planning and organisation
- Risk management process
- Typical marine activities
- Permit-to-work for high-risk marine works
- Importance of Workplace Safety and Health (WSH)
- Consequences of unsafe work practices and workplace conditions
- Salient WSH legal and other requirements relevant to marine industry
- WSH (Shipbuilding and Ship-Repairing) Regulations
- Overview of WSH management system
- WSH duties and responsibilities of supervisor in marine industry
- Shipyard general safety
- Vessel Safety Coordination Committee (VSCC)
- Risk management process
- Permit-to-work system for high risk works in marine industry
- Typical shipbuilding and ship repairing activities
- Typical WSH hazards including personal health issues in Marine industry
- WSH control measures
- Methods for hazard identification
- Key types of trades and working environment in the marine industry
- WSH legal and other requirements for the marine industry
- Types of WSH hazards including personal health issues and risks in the marine industry
- Control measures to address hazards and risks in the marine industry
- WSH training for marine industry
- Methods of monitoring the implementation of control measures
- Status report of an implementation plan
- Types of trades and working environment in the marine industry
- WSH legal and other requirements for the marine industry
- WSH hazards and risks including personal health issues in the marine industry
- Control measures for key trades in the marine industry
- Mandatory WSH training for marine industry
- Methods of monitoring the implementation of control measures
- Status report of an implementation plan

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<tr>
<th>Abilities</th>
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<tbody>
<tr>
<td>• Support in safe work practices and risk control procedures</td>
<td>• Explain and interpret salient WSH legislations and other requirements relevant to the marine industry</td>
<td>• Communicate WSH hazards and risks and responsible of a supervisor in marine industry</td>
<td>• Conduct briefings on shipyard general safety and explain the Vessel Safety Coordination Committee (VSCC) and Permit-to-Work (PTW) procedure to shipyard workers and contractors</td>
<td>• Communicate WSH hazards and risks, and responsible of a supervisor in marine industry</td>
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<tr>
<td>• Participate in workplace safety and health management activities</td>
<td>• Describe WSH duties and responsibilities of a supervisor in marine industry</td>
<td>• Identify WSH hazards and assess the risks for key trades and daily work activities in the marine industry in accordance to organisational procedures and legal requirements</td>
<td>• Carry out implementation plan in accordance to the organisational risk management plan</td>
<td>• Communicate WSH hazards and risks, and responsible of a supervisor in marine industry</td>
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<td>• Support workplace emergency response procedures</td>
<td>• Identify WSH hazards and assess the risks for key trades and daily work activities in the marine industry in accordance to organisational procedures and legal requirements</td>
<td>• Support the development of control measures to address the WSH hazards and risks identified</td>
<td>• Communicate WSH hazards and risks, and responsible of a supervisor in marine industry</td>
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<td>• Organisational WSH inspections</td>
<td>• Conduct incident investigations and prepare reports in accordance with legal and other organisational requirements</td>
<td>• Identify WSH hazards and assess the risks for key trades and daily work activities in the marine industry in accordance to organisational procedures and legal requirements</td>
<td>• Communicate WSH hazards and risks, and responsible of a supervisor in marine industry</td>
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<td>• Incident Investigation and reporting</td>
<td>• Carrying out WSH inspections in accordance with organisational inspection procedure</td>
<td>• Identify WSH hazards and assess the risks for key trades and daily work activities in the marine industry in accordance to organisational procedures and legal requirements</td>
<td>• Implement control measures in daily work activities</td>
<td>• Monitor implementation of the control measures in daily activities</td>
<td>• Report to management on status of implementation plan</td>
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