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| Overview | This standard covers the competence required to plan and organise the maintenance of the vessel's structure, fittings and equipment, and to compile records and reports concerning maintenance.  Knowledge and understanding of the maintenance requirements for vessel structures, fittings and equipment and of the specific maintenance needs for cargo, accommodation and storage spaces are required. Also required are knowledge and understanding of the characteristics and safe storage and use of materials used for maintenance.  **Target Group**  This standard applies to individuals at the managerial level with responsibility for planning and organising the maintenance of the vessel's structure, fittings and equipment. |

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| **Performance criteria**  You must be able to: | 1. determine the maintenance requirements for structure, fittings and equipment and produce a plan with suitable budget, priorities, timescales and contingency actions 2. organise the requirements for personnel, materials and equipment so that the plan can be carried out at the required time 3. consult effectively with other personnel affected by the plan, on the vessel and elsewhere and provide clear and accurate briefing to relevant personnel 4. ensure that the maintenance plan is consistent with planned vessel operations and that equipment and materials are available for the maintenance tasks 5. ensure that maintenance is carried out without disruption to vessel operations and in suitable weather conditions 6. ensure that procedures and practices used by maintenance personnel comply with safety and anti-pollution rules 7. measure the effectiveness of maintenance against the plan objectives and compile clear reports of outcomes following maintenance 8. make effective recommendations for improvements in future maintenance tasks |

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| Knowledge and understanding  You need to know and understand: | 1. the significant features of a vessel's structure 2. the properties and safe use of maintenance equipment and materials 3. the application of safety management systems for maintenance activities 4. the range and application of materials and processes 5. the application of management and personnel theory and skills 6. the principles of budgetary control and its application to maintenance activities 7. the procedures for dry-docking and the preparations required for surveys 8. how to evaluate and apply statutory regulations and guidelines, organisational instructions and guidance, and vessel contingency plans |

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