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| Overview | This standard covers the competence of preparing response plans for engineering contingency situations. Probable situations are identified, plans are prepared, individual duties are assigned, training needs are identified and met and plans are reviewed in the light of experience. Records of the plans and training are kept.  **Target Group**  This standard applies to individuals at the management level with responsibility for developing response plans for engineering contingency situations on vessels of any type and of any registered power. |

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| **Performance criteria**  You must be able to: | 1. identify fault conditions and events that require contingency planning 2. prepare plans for contingencies and emergencies in accordance with established procedures, legislative requirements and health and safety practice which identify the priority of actions necessary for ensuring safe ship operation 3. recognise and utilise the competence of available personnel in the contingency plans 4. fully brief the team leaders on the plans and allocate duties 5. record plans for reference to comply with statutory and organisational requirements 6. assess training needs based on current performance, draw up plan and implement planned training 7. review plans in the light of exercises or actual situations and incorporate learning points 8. confirm that records are kept in accordance with legislative and organisational requirements |

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| Knowledge and understanding  You need to know and understand: | 1. the principles of operation and constructional detail of marine engineering systems, equipment and control systems 2. the limiting values for the operation of equipment and systems outside normal parameters 3. the effects of operations on the marine environment 4. the delegation of responsibilities for operating the vessel's machinery and the level of supervision required by individuals 5. the statutory restrictions on the working hours of individuals 6. how to identify and assess the competence of individuals and their training needs 7. how to draw up and implement training plans 8. how to review incidents and training exercises and identify improvements to practices and procedures 9. the use of internal communication systems and effective forms of communication 10. the importance and use of records for commercial and legislative purposes. 11. how to evaluate and apply Statutory Regulations and guidelines, organisational instructions and guidance |

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