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| Overview | This standard defines the competence required to contribute to an engine room watch by providing assistance to the engineering officer of the watch by taking over and handing over to other persons and keeping watch.  It includes carrying out routine watch-keeping duties, maintaining the operation of the machinery and safety of the engine-room and the vessel under instruction of the officer of the watch. The officer of the watch may also assign non-routine duties to the individual.  **Target Group**  This standard applies to individuals at a support level in manned engine-rooms and to individuals at a support level designated to perform duties in a periodically unmanned engine room, on vessels of any type and of any registered power. |

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| **Performance criteria**  You must be able to: | 1. relieve, maintain and handover the watch in accordance with laid down practices and procedures and established safety rules and regulations 2. confirm the condition of the machinery on assuming the watch and any non- routine duties to be carried out 3. acknowledge and carry out orders as given by the officer of the watch 4. seek advice and clarification from the officer of the watch when communications are not clearly understood and communicate clearly and concisely 5. take measures to ensure protection of the environment 6. take and report accurate readings from machinery, equipment and systems 7. identify and report malfunctions and deviations promptly to maintain safe operation 8. respond correctly to alarms and emergency situations |

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| Knowledge and understanding  You need to know and understand: | * 1. how to hand over and relieve a watch and the principles and procedures involved   2. the routine duties and procedures to be carried out during an engineering watch   3. the safe working practices to be used during operations   4. entry into enclosed spaces   5. basic environmental protection procedures to be carried out   6. the alarm and emergency shut down system including fire extinguishing gas alarms   7. how to react to alarms and multiple alarms   8. escape routes from the machinery space   9. location and use of fire-fighting and damage control equipment   10. the use of internal communication systems and effective forms of communication.   11. the basics of statutory regulations and guidelines, organisational instructions and guidance, and vessel contingency plans |

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| **Developed by** | Maritime Skills Alliance |
| **Version number** | 2 |
| Date approved | January 2012 |
| Indicative review date | December 2016 |
| Validity | Current |
| Status | Original |
| Originating organisation | Skills for Justice |
| Original URN | MSA C02 |
| Relevant occupations | Engineer |
| Suite | Maritime |
| Key words | engine room watch; watch-keeping duties; operation of the machinery; safety of the engine-room; vessel under instruction |