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| Overview | This standard covers the competence required to manoeuvre unpowered vessels in a marine environment.  Such vessels include those which are not powered by engine or sail, but might be manoeuvred by such implements as paddles or poles. They can include, for example, dumb-barges or lighters and vessels being towed.  **Target Group**  This standard applies to individuals at the operational level with responsibility for manoeuvring unpowered vessels in inland or coastal waters. |

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| **Performance criteria**  You must be able to: | 1. identify correctly and obtain the appropriate vessel, gear and equipment required to carry out the proposed operations, and confirm that it is in good working order before commencing the work 2. prepare the vessel, checking that it is fit for purpose before commencing operations 3. address and report correctly any difficulties and faults encountered, recording these where required 4. ensure that all access to the vessel is undertaken safely and correctly 5. brief all concerned clearly and correctly on the actions to be taken, ensuring that everyone understands their role and the emphasis upon safety 6. manoeuvre the vessel safely using the correct techniques 7. use the correct securing lines and methods 8. confirm that the vessel is moored safely and securely |

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| Knowledge and understanding  You need to know and understand: | 1. the impact of relevant legislation, regulations and bye-laws relevant to manoeuvring unpowered vessels 2. how to interpret weather information and how different types of adverse weather can impact upon vessel movements 3. techniques for manoeuvring unpowered vessels 4. the use of relevant aids to navigation when manoeuvring unpowered vessels 5. the appropriate use and display of lights and shapes 6. the functions of the various parts of the unpowered vessel 7. local geography and water conditions, including navigable channels and tides, and their impact upon manoeuvring unpowered vessels 8. procedures for dealing with emergencies on board vessel |

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