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| Overview | This standard covers the assembly, positioning and retrieving of navigation buoys and beacons within a marine environment, as well as moorings for ship tiers and general moorings including those for yachts and other small craft.  For brevity within the standard, the phrase ‘position and maintain’ is used throughout to signify the positioning, retrieving, assembly and maintaining of moorings, buoys and beacons.  **Target Group**  This standard applies to individuals at the operational level with responsibility for the positioning and maintaining of moorings, buoys and beacons in inland or coastal waters. |

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| **Performance criteria**  You must be able to: | 1. identify correctly the location and water depth where the moorings, buoys and beacons are to be positioned 2. plan the approach to the positioning and maintaining of moorings, buoys and beacons, taking into account all relevant factors 3. identify and select the vessel required for operations, ensuring that it is fit for purpose 4. obtain correctly all the equipment necessary for positioning and maintenance operations, and confirm that it is fit for purpose, in good working order and safe to use 5. ensure that all lifting equipment is certificated correctly 6. brief all concerned clearly and correctly on the actions to be taken, ensuring that everyone understands their role and the emphasis upon safety 7. assemble moorings, buoys and beacons safely and correctly 8. handle materials and equipment correctly and with care, avoiding undue wear and tear 9. undertake operations correctly and safely 10. maintain clear and appropriate communications between all relevant parties throughout the operations 11. maintain all necessary records accurately and up to date, and inform relevant authorities of the actions undertaken |

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| Knowledge and understanding  You need to know and understand: | 1. requirements of relevant regulations and codes of practice relating to the positioning and maintenance of moorings, buoys and beacons 2. the purpose and limitations of the components of the mooring gear, navigation buoys and beacons 3. how to inspect and maintain mooring gear correctly 4. the importance of effective planning when preparing to position and maintain moorings, buoys and beacons, how to do this and the factors to take into account in the planning process 5. the factors to take into account when identifying the appropriate vessel for the proposed operations 6. the impact of weather, environmental and tidal aspects upon the positioning and maintaining of moorings, buoys and beacons 7. the capabilities of the vessel being used 8. how a craft's stability may be affected by lifting operations 9. the operation and limitations of the principal types of relevant lifting and hauling gear 10. the safe working limits of the equipment used in positioning and maintaining moorings, buoys and beacons within your organisation |

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