



Manual Materials Handling and Safe Lifting

- Identify which equipment or items are likely to need removal or replacement
- The dimensions and weights associated with the equipment or items
- The location of the equipment or items within the vessel or installation
- The frequency of materials handling for these
- The assisted lifting methods and devices, including:
 - Single lift, multi-staged lift, lift to a vessel or dock, etc.
 - Whether devices will be permanently installed or moveable
 - The best locations for the permanently installed assisted lifting devices
 - The storage locations for moveable or erectable assisted lifting devices
 - The availability of assisted lifting devices that must be obtained from outside sources
- Transport method within the vessel or offshore installation
- Transport method off the vessel or offshore installation

Materials handling studies should determine all lifting, carrying, moving, and transporting activities related to operations or maintenance in all modes of operation from regular replenishment activities for food stores or supplies to emergency situations. Where such studies are not performed during the design stage, the same types of factors should be considered within the context of the existing vessel or offshore installation when planning an assisted materials handling task.

SUMMARY

Materials handling studies should determine all lifting, carrying, moving, and transporting activities related to operations or maintenance in all modes of operation from regular replenishment activities for food stores or supplies to emergency situations. Where such studies are not performed during the design stage, the same types of factors should be considered within the context of the existing vessel or offshore installation when planning an assisted materials handling task.

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