

Overview

This standard is about dismantling construction elements or assemblies for movement in engineering construction.

You will need to remove components in the correct sequence using the approved dismantling methods and techniques, taking into account environmental considerations whilst adhering to health and safety legislation, regulations and safe working practices.

In the context of this standard, your responsibility is to interpret and work within given specifications, selecting techniques and making variations to achieve the best possible result. In some cases, you may still be expected to refer to others for final authorisation, even though you remain responsible for identifying and implementing decisions.

Who this standard is for

This standard is for riggers.

Dismantle construction elements or assemblies for movement

Performance criteria

You must be able to:

1. work safely at all times, complying with health, safety, environmental and other relevant legislation, regulations, guidelines and local rules or procedures
2. ensure that the **work environment**, material, equipment and tools are suitably prepared for the work activities to be undertaken
3. identify the construction elements or assemblies to be removed and determine the most appropriate method of dismantling
4. establish and where necessary provide temporary support to components before removal of securing devices
5. dismantle in accordance with the instructions and specifications
6. remove the components in the correct sequence using approved equipment, dismantling methods and techniques
7. identify and attend to damage and defects in any reusable elements and store them for reuse in the appropriate location
8. dispose of unwanted elements in line agreed and approved procedures
9. inform the appropriate people when dismantling is completed
10. **reinstate the work area**
11. deal promptly and effectively with problems within your control and report those that have been and those that cannot be resolved

Knowledge and understanding

You need to know and understand:

1. relevant legislative, regulatory and local requirements or procedures and safe working practices including your responsibilities with regard to reporting lines and procedures
2. preparation and reinstatement requirements in respect of the work area, material, equipment, and tools, and the possible consequences of incorrect actions in these areas
3. types and application of construction elements and assemblies
4. methods and techniques relating to the dismantling of construction components
5. methods of providing temporary support during dismantling
6. the considerations to be taken into account when dismantling elements and assemblies on an operational site and what limitations this can impose
7. how these considerations can impact on the following:
 8. selection of method or technique
 9. size of components
 10. selection of equipment
 11. implications of operation on work activities
 12. the implications on workplace infrastructure of dismantling activities and operations on live plant, including supplies.
13. related quality control documentation procedures
14. tool, equipment and drawing control: the correct use of relevant tools, equipment and drawings and your individual responsibility for the use, care and security of those you use

Scope/range**Work environment**

- Typical work environments could include:
- engineering construction sites
- controlled operations
- offshore installations
- maintenance sites
- nuclear sites
- repair sites

Work environments may be open or restricted spaces:

- at height
- confined spaces
- control rooms
- designated work areas
- explosive atmospheres
- existing plants and structures
- fabrication workshops
- in plant rooms
- fabrication workshops
- inside structures, system and plant
- on access structures (scaffold)
- on open structures
- onshore and offshore installations
- shafts
- shipyards
- tunnels

Reinstate the work area

This term could include:

- removing barriers
- maintain good housekeeping practices
- correctly disposal of waste materials in accordance with appropriate procedures
- storage of reusable materials, consumables and equipment in accordance with appropriate procedures
- completion of all necessary documentation

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Suite	Moving Loads
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