

COGN411

Assemble equipment to aid nuclear decommissioning



bgvfvfOverview

This unit covers the competence required to position and construct equipment to aid nuclear decommissioning by working within detailed specifications and clearly defined procedures.

This unit deals with the following:

1. Assemble equipment to aid nuclear decommissioning

During this work you must take account of the relevant worksite operational requirements, procedures and safe working practices AS THEY APPLY TO YOU.

Previous Version:

Adapted from Unit N411 of Nuclear Decommissioning NOS – version October 2005.

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Performance criteria

- You must be able to:*
- P1 work safely at all times, complying with health and safety and other relevant regulations and guidelines
 - P2 determine what has to be done and how this will be achieved
 - P3 select the appropriate **equipment** and check that they are in a usable condition
 - P4 position and secure the **equipment** in line with the specification
 - P5 securely fix any necessary temporary support facilities
 - P6 take appropriate measures to protect the finished construction
 - P7 deal promptly and effectively with problems within your control and report those that cannot be solved

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Knowledge and understanding

You need to know and understand:

- K1 health and safety legislation, regulations and safe working practices and procedures
- K2 the potential hazards to others while positioning equipment
- K3 types and application of equipment
- K4 construction element installation methods and techniques
- K5 methods of providing temporary support during installations
- K6 tool and equipment care and control procedures
- K7 reporting lines and procedures

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Additional Information

Glossary

The following terms have a specific meaning in this unit:

Equipment

- 1 Equipment including tents, re-usable containment, mobile filtration units, pre- formed system scaffolding and work platforms
- 2 Individual elements to be positioned including tent frames, containment panels, filtration units and system scaffold components
- 3 Assemblies of elements including tent structures, ventilation systems, shielding walls/structures and scaffolds
- 4 Temporary support structures including system scaffolding, lifting frames, hoists and temporary stairways

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