

COGN407

Prepare engineering equipment for use in a radiation/contamination controlled environment



Overview

This unit covers the competence required to prepare equipment for engineering activities within a radiation or contamination controlled area as defined in current Ionising Radiations Regulations (IRRs).

This unit deals with the following:

1. Prepare engineering equipment for use in a radiation/contamination controlled environment

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 N407 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 follow and make appropriate use of the specifications for the product or asset being checked
- P3 use all the correct tools and inspection **equipment** and check that they are in use-able condition
- P4 carry out the checks in an appropriate sequence using approved methods and **procedures**
- P5 identify and assess any defects or variations from the specification and take appropriate action
- P6 report completion of compliance activities in line with organisational procedures

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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 equipment preparation methods and procedures
- K3 types of equipment and tools
- K4 the service supply and connection procedures
- K5 tool and equipment care and control procedures
- K6 reporting lines and procedures

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Additional Information

Glossary

The following terms have a specific meaning in this unit:

Equipment

- Portable and hand tools used in the decommissioning of plant, structures and equipment
- Equipment needed to enable the control of radioactive waste
- Tools used in erecting and dismantling structures used to provide access and protection while work is carried out

Procedures to be followed

- Changing settings or the calibration of equipment
- Routine checks on condition, operation and safety

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