

COGN409

Prepare Alpha radiation/contamination controlled work areas



Overview

This unit covers the competence required to prepare alpha radiation or contamination controlled work areas and may be applied to Post Operational Clean Out (POCO). Generally, this unit should be applied to the work undertaken to prepare the work area for an activity which aids nuclear decommissioning and will not include positioning and construction of equipment.

This unit deals with the following:

1. Prepare alpha radiation/contamination controlled work areas

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 N409 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 ensure that the work environment is free from hazards and obstructions and is suitable for the work activities to be undertaken
- P3 ensure that all necessary service supplies are connected and ready for use
- P4 **prepare** the work areas so that they are ready for the engineering activities to be carried out
- P5 make sure that required safety arrangements are in place to protect other workers from any activities which are likely to disrupt normal working
- P6 inform the appropriate people when work area preparations are completed
- 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 requirements and methods for work area preparation
- K3 the consequences of not preparing work areas correctly
- K4 service supply and connection procedures
- K5 how to identify materials and recognise defects
- K6 material handling and preparation methods and techniques
- K7 tool and equipment care and control procedures
- K8 the properties and hazards connected with alpha radiation
- K9 criticality alarms and evacuation procedures
- K10 the correct use of criticality lockets/belts
- K11 reporting lines and procedures

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Additional Information

Glossary

The following terms have a specific meaning in this unit:

Prepare

- Floor coverings
- Support services
- Disposal containers
- Barriers and notices

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Suite Nuclear Decommissioning

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