

COGN420

Contribute to technical leadership on nuclear decommissioning activities



Overview

This unit covers the competence required to take a leading role in contributing ideas for the control and implementation of work and to demonstrate a thorough understanding of nuclear decommissioning practices.

This unit deals with the following:

1. Contribute to technical leadership on nuclear decommissioning activities

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 N420 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 assess work methods and procedures for their suitability and technical feasibility
- P3 anticipate potential **problems** and choose which action to take to deal with them
- P4 provide **colleagues** with valid and up-to-date **information**, advice and guidance as necessary
- P5 analyse **problems** in full and choose effective solutions that will maintain the quality and progress of the work

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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 planning methods and techniques
- K3 how to identify and solve problems
- K4 how to present information
- K5 how to specify procedures and guidelines
- K6 radiation and contamination control procedures
- K7 the types, methods and use of PPE
- K8 the principles and application of ALARP
- K9 movement of contaminated radioactive material
- K10 the measurement and control of radioactive doses
- K11 Reporting lines and procedures

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Additional Information

Glossary

The following terms have a specific meaning in this unit:

Colleagues

- Those working for the same organisation as the candidate
- Those working for another organisation (eg. sub-contractors)

Providing information

- Orally
- Through documentation
- Through electronic records and messaging systems

Problems

Those difficulties that arise in some aspect of the work and for which technical rather than supervisory advice and leadership is needed

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