

COGN415

Operate remote controlled equipment for use in nuclear decommissioning



Overview

This unit covers the competence required to operate remote controlled nuclear decommissioning equipment with responsibility limited to working within a detailed specification and following clearly defined procedures under both operational and non-operational conditions, in the specified sequence and in an agreed time scale.

This unit deals with the following:

1. Operate remote controlled equipment for use in 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 N415 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 correctly set up the **equipment** for the **operation** to be carried out
- P3 check that all safety mechanisms are in place
- P4 check and ensure that the **equipment** stays within safe operating limits throughout
- P5 follow the correct operating procedures and sequence of actions
- P6 monitor and evaluate incoming telemetry on the progress of remote **operations**
- P7 operate the remote **equipment** correctly
- P8 deal with **equipment** malfunction during use in accordance with instructions
- P9 report and resolve difficulties encountered with the relevant people
- P10 carry out and record the results of the specified post-op checks

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Knowledge and understanding

You need to know and understand:

- K1 equipment operating and control procedures and techniques
- K2 the safety mechanisms on remote controlled equipment
- K3 the interpretation of feedback on operations from telemetry
- K4 how to recover malfunctioning remote equipment
- K5 how to recognise and identify recurring faults
- K6 reporting procedures and documentation

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Additional Information

Glossary

The following terms have a specific meaning in this unit:

Remote controlled equipment

Equipment used to carry out nuclear decommissioning activities in situations where health and safety requirements mean that an operator must remain at a safe distance from the items being dismantled and/or decontaminated including tongs, master slave manipulators manual or powered, remote controlled operating vehicle, power manipulators, remote monitoring equipment, CCTV units

Operations

- Dismantling
- Decontamination

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