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## Overview

The main outcome of this activity is the implementation of a radiation protection system. The system will most likely be made up of equipment (single or multiple pieces) and procedures.

This activity includes obtaining information on the radiation protection system and its maintenance; disseminating information on the system; ensuring the equipment and procedures are tested; identifying any problems and confirming that the system works correctly.

This activity is likely to be undertaken by someone whose work role is exercised in an environment where radiation protection is important.

This unit deals with the following:

- 1 Implement radiation protection systems

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 N214 of Radiation Protection NOS – version February 2006.

# COGN214

## Implement radiation protection systems

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### Performance criteria

*You must be able to:*

- P1 obtain all relevant information on the equipment and procedures used in the radiation protection system
- P2 disseminate information on the radiation protection system to all relevant people
- P3 ensure the radiation protection equipment is tested and maintained according to the relevant maintenance procedures
- P4 test the effectiveness of radiation protection procedures at appropriate intervals or in response to changed circumstances
- P5 confirm that the radiation protection procedures used with the radiation protection equipment are effective
- P6 identify any problems with the radiation protection system and ensure the appropriate action is taken
- P7 review the effectiveness of the implementation of the radiation protection system at a suitable time
- P8 comply with all relevant regulations and standards, and record all relevant actions and outcomes in the appropriate information systems

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### Knowledge and understanding

*You need to know and understand:*

- K1 health and safety issues and requirements
- K2 maintenance procedures for radiation protection equipment
- K3 nuclear industry: types of facilities, materials, and processes
- K4 organisational structures and procedures
- K5 radiation protection systems
- K6 radiation: types, sources, and hazards
- K7 sources of authoritative information on radiation protection
- K8 statutory requirements, regulations, and standards, including international, national, and local

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**Developed by** Cogent

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**Version number** 1

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**Date approved** September 2008

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**Indicative review date** September 2010

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**Validity** Current

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**Status** Original

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**Originating organisation** Cogent

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**Original URN** N214

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**Relevant occupations** Engineering Professionals; Engineering and manufacturing technology

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**Suite** Radiation Protection

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**Key words** Health, ionising, maintain, nuclear, radiological, safety, hazards