
Overview

The main outcome of this activity is the designation of work areas as controlled areas for the purposes of radiation protection.

This activity includes obtaining information and evidence on radiation hazards and risks in specific work areas; determining which areas need to be controlled, and how this should occur; determining rules and procedures for entry to and activities within the controlled area; clearly identifying the areas and informing all relevant people of them; monitoring compliance with the controls; de-designating areas when there is no further need for the controls.

This activity is likely to be undertaken by someone whose work role is focused on radiation protection.

This unit deals with the following:

- 1 Designate work areas to be controlled

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 N216 of Radiation Protection NOS – version February 2006.

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Designate work areas to be controlled

Performance criteria

You must be able to:

- P1 identify areas that might need to be controlled or supervised
- P2 obtain all relevant information and risk assessments on the radiation hazards and activities that occur within the area
- P3 determine whether the area needs to be designated as a controlled area
- P4 consult with all relevant stakeholders on the designation of the area
- P5 specify the boundaries and access points for the controlled area
- P6 determine the rules and procedures relating to entry to and activities within the controlled area
- P7 ensure that the people working in the controlled area are informed of its status and all relevant rules and procedures
- P8 ensure that all radiation hazards are clearly identified and that radiation protection systems are applied correctly
- P9 monitor the compliance of the users of the radiation area
- P10 de-designate the area and remove controls when it is no longer used for potentially hazardous activities
- P11 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 communication and presentation methods
- K2 health and safety issues and requirements
- K3 nuclear industry: types of facilities, materials, and processes
- K4 organisational structures and procedures
- K5 radiation monitoring equipment
- K6 radiation protection issues
- K7 radiation protection systems
- K8 radiation: types, sources, and hazards
- K9 risk assessment and hazard identification methods
- K10 sources of authoritative information on radiation protection
- K11 statutory requirements, regulations, and standards, including international, national, and local

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