

COGN213

Inspect the operation of radiation protection systems



Overview

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

This activity includes confirming the scope of the inspection; planning the inspection; obtaining information on the radiation protection system; assessing the system; providing results and recommending improvements.

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

This unit deals with the following:

- 1 Inspect the operation of 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 N213 of Radiation Protection NOS – version February 2006.

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Performance criteria

- You must be able to:*
- P1 confirm the scope and purpose of the radiation protection system that is being inspected
 - P2 establish a schedule for the inspection of the radiation protection system
 - P3 ensure that the relevant and current inspection criteria and requirements are used
 - P4 identify suitable opportunities for inspecting the radiation protection system
 - P5 obtain information to assist in the inspection of the radiation protection system
 - P6 inspect the radiation protection system according to the requirements of the inspection
 - P7 assess whether the radiation protection system complies with all organisational requirements
 - P8 provide the results of the inspection to the relevant people
 - P9 recommend changes to the radiation protection system which will improve its effectiveness
 - P10 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 inspection methods
- K4 nuclear industry: types of facilities, materials, and processes
- K5 organisational structures and procedures
- K6 radiation protection issues
- K7 radiation protection systems
- K8 radiation: types, sources, and hazards
- K9 sources of authoritative information on radiation protection
- K10 statutory requirements, regulations, and standards, including international, national, and local

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