

## COGN228

# Monitor people during radiation-related work activities



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### Overview

The main outcome of this activity is the monitoring of people's exposure to radiation during specific work activities.

This activity includes obtaining information on the work activities being undertaken, and the potential exposure level; monitoring the radiation doses received by workers; identifying any problems, and suggesting improvements.

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 Monitor people during radiation-related work 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 N228 of Radiation Protection NOS – version February 2006.

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### Performance criteria

*You must be able to:*

- P1 obtain information on the type of radiation-related work activities being undertaken
- P2 select suitable radiation monitoring equipment for monitoring the exposure of people undertaking the work activities
- P3 undertake personnel monitoring during or after the work activities according to organisational procedures
- P4 monitor the dose received by people undertaking the radiation-related work activities by using the appropriate systems
- P5 ensure that any problems revealed by the monitoring of radiation are identified and appropriate action taken according to organisational procedures
- P6 identify any potential improvements in the way personnel monitoring could be undertaken
- P7 seek advice to deal with any requirements beyond own technical competence
- 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 dosimetry assessments
- 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 sources of authoritative information on radiation protection
- K10 statutory requirements, regulations, and standards, including international, national, and local

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**Suite** Radiation Protection

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