

COGTRM7

Comply with quality assurance requirements for the transportation of radioactive material



Overview

This unit is for you if you are involved in the transportation of radioactive material, as part of your job. The unit deals with the following:

- 1 Complying with quality assurance requirements for the transportation of radioactive material

Radioactive material can potentially cause harm to people, property and the environment, so it is vitally important that you take all necessary safety measures.

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

Within the limits of your responsibility you must be able to demonstrate an understanding of the organisation's quality assurance procedures and your role within those procedures.

Previous Version:

Not applicable

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Performance criteria

- You must be able to:*
- P1 accurately identify the key requirements for document control
 - P2 follow exactly, the relevant procedures for the packaging and transportation of radioactive material
 - P3 take safe corrective or preventative action in the event of the process not meeting the operational and legal requirements
 - P4 ensure only the specified components and equipment are used
 - P5 accurately complete the records relating to the relevant processes

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Knowledge and understanding

You need to know and understand:

- K1 the importance of quality assurance and your role and responsibility in relation to this
- K2 fundamental requirements of a quality system
- K3 why there is a graded approach to quality systems, depending upon risk
- K4 the key requirements of document control
- K5 when to stop the process
- K6 what change control is, and why it is important
- K7 the importance of corrective and preventative actions
- K8 control of deviations
- K9 training requirements for all personnel using the system
- K10 the control of records

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Additional Information

Glossary

Documentation

Certificates, instructions, notifications, Dangerous Goods Transport Document, work records

Operational and regulatory requirements

The organisation's procedures, local management instructions, operating procedures, guidelines, codes of practice, regulations, legislation

Participants in transportation of radioactive material

The following is **not** an exhaustive list:

the manufacturer, consignor, consignee, carrier, packer, loader/unloader, driver, Dangerous Goods Safety Adviser, Radiation Protection Adviser, designer, packaging owner, Radiation Protection Supervisor, maintenance organisation, filler, etc

Principles of safe transport of radioactive material

To protect persons, property and the environment from the effects of radiation by means of:

- 1 containment of the radioactive contents
- 2 control of external radiation levels
- 3 prevention of criticality
- 4 prevention of damage caused by heat

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