
Overview

This unit is for you if you carry out the role of consignee in the transportation of radioactive material, as part of your job.

The unit deals with the following:

- 1 ensuring that facilities are available to receive the consignment
- 2 checking the consignment
- 3 accepting the consignment

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.

This unit is relevant to people who receive consignments of radioactive material in any establishment, via any mode of transport.

Previous Version:

Not applicable

COGTRM2

Receive consignments of radioactive material

Performance criteria

- You must be able to:*
- P1 ensure that facilities and personnel are available and authorised to receive the consignment
 - P2 check that the consignment being received is consistent with the information provided in the documentation
 - P3 visually check the physical condition of the consignment for damage and non-conformance
 - P4 accept the consignment promptly when you are satisfied that regulatory requirements are met
 - P5 identify any problems or non-conformance with the consignment and take action to deal with them
 - P6 keep accurate records in accordance with operational and regulatory requirements
 - P7 use communication channels with all participants effectively
 - P8 comply with operational and regulatory requirements at all times

COGTRM2

Receive consignments of radioactive material

Knowledge and understanding

You need to know and understand:

- K1 the nature of radiation, its hazards and protection measures
- K2 quality assurance principles and practices
- K3 the types of package used for transporting radioactive material
- K4 how to check that the consignment being received matches the information in the documentation
- K5 the operational and regulatory requirements in relation to receiving consignments of radioactive material, and how to satisfy yourself that these have been met
- K6 the types of problem that occur with consignments and how to deal with them, including how to deal with damaged packages and non-conformances
- K7 how to interpret and follow package handling instructions
- K8 the significance of marking and labelling packages, including UN numbers and Proper Shipping Names
- K9 when prescribed, the measures for cleaning and decontamination of conveyances
- K10 the contingency plans that apply to consignments, and how you would participate in them
- K11 the security requirements that apply to consignments
- K12 safeguards and physical protection
- K13 the legal liabilities associated with consignments and the importance of insurance provisions

Glossary

Consignment

Any package, packages, or load of radioactive material presented by a consignor for transport

Conveyance

For transport by:

- 1 road or rail: any vehicle
- 2 water: any vessel, or any hold, compartment or defined deck area of a vessel
- 3 air: any aircraft

Documentation

Certificates, instructions, notifications

Labelling

Indication on a package of its contents, activity, transport index, criticality safety index as appropriate, and any other information, as required by the transport regulations

Marking

Indication, on a package, of information including the consignor or consignee, the UN Number and proper shipping name of the contents, the package type and other data, as required by the transport regulations

Operational and regulatory requirements

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

Package

The packaging with its radioactive contents as presented for transport

Participants in transportation of radioactive material

consignor, consignee, carrier, packer, loader/unloader, driver, Dangerous Goods Safety Adviser, Radiation Protection Adviser

COGTRM2

Receive consignments of radioactive material

Developed by Cogent

Version number 1

Date approved March 2010

Indicative review date March 2012

Validity Current

Status Original

Originating organisation Cogent

Original URN TRM2

Relevant occupations Engineering and manufacturing technologies; Manufacturing technologies; Process, Plant and Machine Operatives; Plant and Machine Operatives

Suite Transportation of Radioactive Materials

Key words receive, consignments, radioactive, material, facilities, checking, accepting
