



# Transportation of Radioactive Material (QCF)

These QCF qualifications will provide recognition of the skills, competence and knowledge of individuals who work in the transportation of radioactive material. There are qualifications available at Level 2 and 3 to allow for progression.

Document detail:

**Level 2 Certificate in Transportation of Radioactive Material (QCF) - 28 Credits**

**Level 3 Certificate in Transportation of Radioactive Material (QCF)**

- **Consignor Pathway - 26 Credits**
- **Carrier Pathway - 25 Credits**

**Level 2 Certificate in Transportation of Radioactive Material by Road (QCF) - 19 Credits**

Who are the Qualifications for:

## Level 2

This qualification is designed to be taken by people involved in the transportation of radioactive material. It is designed for individuals whose job role involves receiving consignments of radioactive material, packaging radioactive material in preparation for transport, loading radioactive material onto conveyances and unloading radioactive material from conveyances.

## Level 3

The qualification is relevant to people who organise the transportation of radioactive material - including that used in medical, research, industrial and nuclear applications - using all types of transport and is relevant to trained transport supervisors, working in radiation environments, now utilising new skills and awareness in transporting radioactive material.

## Level 2 (by Road)

This qualification is designed to be taken by people who deliver radioactive material by road. It covers transporting consignments, the loading of consignments, emergency procedures and complying with quality assurance requirements.

Certificate in Transportation of Radioactive Material (QCF)	Level 2	28 Credits
	500/8628/5	
Last Registration Date	31 <sup>st</sup> March 2014	
Last Certification Date	31 <sup>st</sup> March 2016	

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For the Certificate: 12 Units totalling a minimum of 28 Credits are required.

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#### Mandatory Units

- T-RAM 07c Comply with Quality Assurance Requirements for the Transportation of Radioactive Material - 2 Credits
- T-RAM 07k How to Comply with Quality Assurance Requirements for the Transportation of Radioactive Material - 3 Credits
- T-RAM 10c Respond to Incidents, Hazardous Conditions and Emergencies in Transportation of Radioactive Material Environments - 3 Credits
- T-RAM 10k How to Respond to Incidents, Hazardous Conditions and Emergencies in Transportation of Radioactive Material Environments - 4 Credits
- T-RAM 11c Work Effectively in a Team in Transportation of Radioactive Material Environments - 2 Credits
- T-RAM 11k How to Work Effectively in a Team in Transportation of Radioactive Material Environments - 3 Credits
- T-RAM 12c Work Safely in Transportation of Radioactive Material Environments - 1 Credit
- T-RAM 12k How to Work Safely in Transportation of Radioactive Material Environments - 2 Credits

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#### Option Group 1

*Learners must achieve a minimum of 2 units from this Option Group. Knowledge and competence units must be taken in combination i.e. if unit T-RAM 02k is chosen, unit T-RAM 02c must also be completed; and vice-versa. Credit Value required: Minimum 4.*

- T-RAM 02c Receive Consignments of Radioactive Material - 3 Credits
- T-RAM 02k How to Receive Consignments of Radioactive Materials - 3 Credits
- T-RAM 03c Pack Packages with Radioactive Material in Preparation for Transport - 2 Credits
- T-RAM 03k How to Pack Packages with Radioactive Material in Preparation for Transport - 3 Credits
- T-RAM 05c Load Radioactive Material onto Conveyances - 2 Credits
- T-RAM 05k How to Load Radioactive Material onto Conveyances - 2 Credits
- T-RAM 06c Unload Radioactive Material from Conveyances - 2 Credits
- T-RAM 06k How to Unload Radioactive Material from Conveyances - 3 Credits

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#### Option Group 2

*Learners must achieve a minimum of 2 units from this Option Group. Knowledge and competence units must be taken in combination i.e. if unit N231k is chosen, unit N231c must also be completed; and vice-versa. Credit Value required: Minimum 4.*

- N231c Undertake Radiation-Related Work Activities Within Ionising Radiation Environments - 2 Credits
  - N231k How to Undertake Radiation-Related Work Activities Within Ionising Radiation Environments - 2 Credits
  - N418c Prepare and Move Loads in Nuclear Installations Within a Nuclear Decommissioning Environment - 3 Credits
  - N418k How to Prepare and Move Loads in Nuclear Installations Within a Nuclear Decommissioning Environment - 3 Credits
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Certificate in Transportation of Radioactive Material (QCF)	Level 3
	500/8629/7
Last Registration Date	31 <sup>st</sup> March 2014
Last Certification Date	31 <sup>st</sup> March 2017

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This qualification contains the following Pathways:

- For the Consignor Pathway: 10 Units totalling a minimum of 26 Credits are required.
- For the Carrier Pathway: 10 Units totalling 25 Credits are required.

For the Consignor Pathway learners must achieve 26 Credits by completing all 4 Mandatory Units, all 4 Consignor Mandatory Units and 2 Optional Units. Knowledge and competence units must be taken in combination i.e. if unit N215k is chosen, unit N215c must also be completed; and vice-versa.

For the Carrier Pathway learners must achieve 25 Credits by completing all 4 Mandatory Units, all 4 Carrier Mandatory Units and 2 Optional Units. Knowledge and competence units must be taken in combination i.e. if unit N219k is chosen, unit N219c must also be completed; and vice-versa.

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#### Mandatory Units

- T-RAM 07c Comply with Quality Assurance Requirements for the Transportation of Radioactive Material - 2 Credits
  - T-RAM 07k How to Comply with Quality Assurance Requirements for the Transportation of Radioactive Material - 3 Credits
  - T-RAM 12c Work Safely in Transportation of Radioactive Material Environments - 1 Credit
  - T-RAM 12k How to Work Safely in Transportation of Radioactive Material Environments - 2 Credits
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#### Consignor - Mandatory Units

- T-RAM 01c Organise Consignments of Radioactive Material - 4 Credits
- T-RAM 01k How to Organise Consignments of Radioactive Material - 4 Credits
- T-RAM 14c Solve Operational Problems in Transportation of Radioactive Material Environments - 3 Credits
- T-RAM 14k How to Solve Operational Problems in Transportation of Radioactive Material Environments - 3 Credits

#### Consignor - Optional Units

*Learners must achieve 2 Optional Units totalling a minimum of 4 Credits. Knowledge and competence units must be taken in combination i.e. if unit N215k is chosen, unit N215c must also be completed; and vice-versa.*

- N215c Identify and Quantify Radiation Hazards in the Workplace within Ionising Radiation Environments - 3 Credits
- N215k How to Identify and Quantify Radiation Hazards in the Workplace Within Ionising Radiation Environments - 4 Credits
- N219c Monitor Radiation Doses During Radiation-Related Work Activities Within Ionising Radiation Environments - 3 Credits
- N219k How to Monitor Radiation Doses During Radiation-Related Work Activities within Ionising Radiation Environments - 3 Credits
- N231c Undertake Radiation-Related Work Activities Within Ionising Radiation Environments - 2 Credits
- N231k How to Undertake Radiation-Related Work Activities Within Ionising Radiation Environments - 2 Credits

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## Carrier - Mandatory Units

- T-RAM 04c Carry Consignments of Radioactive Material - 3 Credits
- T-RAM 04k How to Carry Consignments of Radioactive Material - 3 Credits
- T-RAM 13c Carry Out Emergency Procedure in Transportation of Radioactive Material Environments - 2 Credits
- T-RAM 13k How to Carry Out Emergency Procedure in Transportation of Radioactive Material Environments - 3 Credits

## Carrier - Optional Units

*Learners must achieve 2 Optional Units totalling a minimum of 6 Credits. Knowledge and competence units must be taken in combination i.e. if unit N219k is chosen, unit N219c must also be completed; and vice-versa.*

- N212c Implement Radiation Protection Policy Within Ionising Radiation Environments - 3 Credits
- N212k How to Implement Radiation Protection Policy within Ionising Radiation Environments - 4 Credits
- N219c Monitor Radiation Doses During Radiation-Related Work Activities Within Ionising Radiation Environments - 3 Credits
- N219k How to Monitor Radiation Doses During Radiation-Related Work Activities within Ionising Radiation Environments - 3 Credits

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Certificate in Transportation of Radioactive Material by Road (QCF)	Level 2	19 Credits
	500/8603/0	
Last Registration Date	31 <sup>st</sup> March 2015	
Last Certification Date	31 <sup>st</sup> March 2017	

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For the Certificate: 8 Units totalling a minimum of 19 Credits are required.

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## Mandatory Units

- T-RAM 07c Comply with Quality Assurance Requirements for the Transportation of Radioactive Material - 2 Credits
  - T-RAM 07k How to Comply with Quality Assurance Requirements for the Transportation of Radioactive Material - 3 Credits
  - T-RAM 08c Transport Consignments of Radioactive Material by Road - 2 Credits
  - T-RAM 08k How to Transport Consignments of Radioactive Material by Road - 3 Credits
  - T-RAM 09c Ensure that Consignments of Radioactive Material are Loaded onto Vehicles - 2 Credits
  - T-RAM 09k How to Ensure that Consignments of Radioactive Material are Loaded onto Vehicles - 2 Credits
  - T-RAM 13c Carry Out Emergency Procedure in Transportation of Radioactive Material Environments - 2 Credits
  - T-RAM 13k How to Carry Out Emergency Procedure in Transportation of Radioactive Material Environments - 3 Credits
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