



Nuclear Decommissioning (QCF)

These QCF qualifications will provide recognition of the skills, competence and knowledge of individuals who work in the decommissioning of nuclear facilities.

Document detail:

Level 2 NVQ Diploma in Nuclear Decommissioning (QCF) - 60 Credits

Level 3 NVQ Diploma in Nuclear Decommissioning (QCF)

- **Supervisory Pathway - 60 Credits**
- **Technical Pathways (Mechanical, Electrical and Instrumentation) - 57 Credits**

Who are the Qualifications for:

The Level 2 qualification is intended for those who undertake decontamination operations and dismantle plant and equipment or are involved in maintenance and monitoring activities. The qualification covers a specialised function; it provides the learner with the ability and essential knowledge to specialise in the decommissioning of nuclear facilities. The qualification will enable staff to understand the specific skill requirements within this sector. Industry has suggested that there will be increasing demands for qualified personnel to work on nuclear plant.

The Level 3 qualification will provide recognition and accreditation for individuals with responsibility for managing and supervising related activities within the nuclear sector. Developments in the nuclear sector are related to Government policy and initiatives, including the decommissioning of existing nuclear installations. There is a high profile image associated with the sector and the importance of safety is paramount.

NVQ Diploma in Nuclear Decommissioning (OCF)	Level 2	60 Credits
	500/6185/9	
Last Registration Date	31 st March 2014	
Last Certification Date	31 st March 2016	

For the Diploma: 26 Units totalling a minimum of 60 Credits are required.

Mandatory Units

N400c	Dismantle Contaminated Plant, Structures And Equipment Used Within Nuclear Facilities - 3 Credits
N400k	How to Dismantle Contaminated Plant, Structures And Equipment Used Within Nuclear Facilities - 3 Credits
N401c	Minimise and Package Radioactive Waste Within a Nuclear Decommissioning Environment - 2 Credits
N401k	How to Minimise and Package Radioactive Waste Within a Nuclear Decommissioning Environment - 2 Credits
N402c	Identify And Minimise Hazards And Risks Within a Nuclear Decommissioning Environment - 2 Credits
N402k	How to Identify And Minimise Hazards And Risks Within a Nuclear Decommissioning Environment - 3 Credits
N403c	Undertake Decontamination Operations Within a Nuclear Decommissioning Environment - 2 Credits
N403k	How to Undertake Decontamination Operations Within a Nuclear Decommissioning Environment - 2 Credits
N404c	Control Personal Radiation Dose Uptake Within a Nuclear Decommissioning Environment - 2 Credits
N404k	How to Control Personal Radiation Dose Uptake Within a Nuclear Decommissioning Environment - 3 Credits
N405c	Provide Operational Monitoring Assistance Within a Nuclear Decommissioning Environment - 2 Credits
N405k	How to Provide Operational Monitoring Assistance Within a Nuclear Decommissioning Environment - 2 Credits
N406c	Implement Safe Access Systems in a Radiation/Contamination Controlled Environment - 3 Credits
N406k	How to Implement Safe Access Systems in a Radiation/Contamination Controlled Environment - 3 Credits
N407c	Prepare Engineering Equipment for Use in a Radiation/Contamination Controlled Environment - 2 Credits
N407k	How to Prepare Engineering Equipment for Use in a Radiation/Contamination Controlled Environment - 2 Credits
N408c	Contribute To Own Development within Ionising Radiation Environments - 3 Credits
N408k	How to Contribute To Own Development within Ionising Radiation Environments - 3 Credits

Optional Units - Group B

Learners must achieve 2 Optional Units totalling a minimum of 4 Credits from Group B. Knowledge and competence units must be taken in combination i.e. if unit N409k is chosen, unit N409c must also be completed; and vice-versa.

N409c	Prepare Alpha Radiation/Contamination Controlled Work Areas Within a Nuclear Decommissioning Environment - 2 Credits
N409k	How to Prepare Alpha Radiation/Contamination Controlled Work Areas Within a Nuclear Decommissioning Environment - 2 Credits
N410c	Prepare Beta/Gamma Radiation/Contamination Controlled Work Areas Within a Nuclear Decommissioning Environment - 2 Credits
N410k	How to Prepare Beta/Gamma Radiation/Contamination Controlled Work Areas Within a Nuclear Decommissioning Environment - 2 Credits

Optional Units - Group C

Learners must achieve 6 Optional Units totalling a minimum of 12 Credits from Group C. Knowledge and competence units must be taken in combination i.e. if unit N409k is chosen, unit N409c must also be completed.

N411c	Assemble Equipment to Aid Nuclear Decommissioning - 2 Credits
N411k	How to Assemble Equipment to Aid Nuclear Decommissioning - 2 Credits
N412c	Dismantle Equipment Used in Nuclear Decommissioning - 2 Credits
N412k	How to Dismantle Equipment Used in Nuclear Decommissioning - 2 Credits
N413c	Carry Out Planned Preventative Maintenance Procedures on Equipment Used in Nuclear Decommissioning - 3 Credits
N413k	How to Carry Out Planned Preventative Maintenance Procedures on Equipment Used in Nuclear Decommissioning - 3 Credits
N414c	Adjust Equipment Used in Nuclear Decommissioning to Meet Operational Requirements - 2 Credits
N414k	How to Adjust Equipment Used in Nuclear Decommissioning to Meet Operational Requirements - 3 Credits
N415c	Operate Remote Controlled Equipment for Use in Nuclear Decommissioning - 4 Credits
N415k	How to Operate Remote Controlled Equipment for Use in Nuclear Decommissioning - 4 Credits
N416c	Monitor Operational Radiological Conditions Within a Nuclear Decommissioning Environment - 2 Credits
N416k	How to Monitor Operational Radiological Conditions Within a Nuclear Decommissioning Environment - 2 Credits
N417c	Check Radiological Monitoring Instruments and Equipment are in Good Order Within a Nuclear Decommissioning Environment - 2 Credits
N417k	How to Check Radiological Monitoring Instruments and Equipment are in Good Order Within a Nuclear Decommissioning Environment - 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

NVO Diploma in Nuclear Decommissioning (OCF)	Level 3 500/8102/0
Last Registration Date	31 st December 2014
Last Certification Date	31 st December 2017

This qualification contains the following Pathways:

- For the Supervisory Pathway: 18 Units totalling a minimum of 60 Credits are required.
- For the Technical Pathways (Mechanical, Electrical or Instrumentation): 18 Units totalling 57 Credits are required.

For the Supervisory Pathway learners must complete all Mandatory Units, 6 Supervisory Mandatory Units and 2 Supervisory Optional Units. Knowledge and competence units must be taken in combination i.e. if unit N425k is chosen, unit N425c must also be completed; and vice-versa.

For each of the Technical Pathways learners must complete all Mandatory Units and all units from their chosen pathway.

Mandatory Units

N207c	Assess the Risks of Undertaking Radiation-Related Work Activities Within Ionising Radiation Environments - 4 Credits
N207k	How to Assess the Risks of Undertaking Radiation-Related Work Activities Within Ionising Radiation Environments - 4 Credits
N406c	Implement Safe Access Systems in a Radiation/Contamination Controlled Environment - 3 Credits
N406k	How to Implement Safe Access Systems in a Radiation/Contamination Controlled Environment - 3 Credits
N408c	Contribute To Own Development within Ionising Radiation Environments - 3 Credits
N408k	How to Contribute To Own Development within Ionising Radiation Environments - 3 Credits
N420c	Contribute to Technical Leadership Within Nuclear Decommissioning Environments - 3 Credits
N420k	How to Contribute to Technical Leadership Within Nuclear Decommissioning Environments - 3 Credits
N421c	Manage Own Resources Within Nuclear Decommissioning Environments - 3 Credits
N421k	How to Manage Own Resources Within Nuclear Decommissioning Environments - 4 Credits

Supervisory - Mandatory Units

N217c	Supervise Radiation-Related Work Activities Within Ionising Radiation Environments - 4 Credits
N217k	How to Supervise Radiation-Related Work Activities Within Ionising Radiation Environments - 4 Credits
N423c	Provide Leadership for Own Team Within Nuclear Decommissioning Environments - 3 Credits
N423k	How to Provide Leadership for Own Team Within Nuclear Decommissioning Environments - 3 Credits
N424c	Ensure Health and Safety Requirements are met in Own Area of Responsibility Within Nuclear Decommissioning Environments - 3 Credits
N424k	How to Ensure Health and Safety Requirements are met in Own Area of Responsibility Within Nuclear Decommissioning Environments - 4 Credits

Supervisory - 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 N425k is chosen, unit N425c must also be completed; and vice-versa.

N425c	Allocate and Check Work in Own Team Within Nuclear Decommissioning Environments - 3 Credits
N425k	How to Allocate and Check Work in Own Team Within Nuclear Decommissioning Environments - 3 Credits
N427c	Enable Learning Through Demonstrations and Instruction Within Nuclear Decommissioning Environments - 3 Credits
N427k	How to Enable Learning Through Demonstrations and Instruction Within Nuclear Decommissioning Environments - 4 Credits
N428c	Enable Individual Learning Through Coaching Within Nuclear Decommissioning Environments - 3 Credits
N428k	How to Enable Individual Learning Through Coaching Within Nuclear Decommissioning Environments - 4 Credits
N429c	Manage a Project Within Nuclear Decommissioning Environments - 4 Credits
N429k	How to Manage a Project Within Nuclear Decommissioning Environments - 4 Credits
N430c	Handover Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N430k	How to Handover Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits

Technical - Mechanical - Mandatory Units

N430c	Handover Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N430k	How to Handover Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N431c	Reinstate the Work Area after Completing Maintenance of Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N431k	How to Reinstate the Work Area after Completing Maintenance of Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N432c	Deal with Variations and Defects in Mechanical Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N432k	How to Deal with Variations and Defects in Mechanical Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N433c	Diagnose and Determine the Causes of Faults in Mechanical Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N433k	How to Diagnose and Determine the Causes of Faults in Mechanical Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits

Technical - Electrical - Mandatory Units

N430c	Handover Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N430k	How to Handover Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N431c	Reinstate the Work Area after Completing Maintenance of Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N431k	How to Reinstate the Work Area after Completing Maintenance of Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N434c	Deal With Variations and Defects in Electrical Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N434k	How to Deal With Variations and Defects in Electrical Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N435c	Diagnose and Determine the Causes of Faults in Electrical Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N435k	How to Diagnose and Determine the Causes of Faults in Electrical Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits

Technical - Instrumentation - Mandatory Units

N430c	Handover Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N430k	How to Handover Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N431c	Reinstate the Work Area after Completing Maintenance of Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N431k	How to Reinstate the Work Area after Completing Maintenance of Process Engineering Plant and Equipment Within Nuclear Decommissioning Environments - 3 Credits
N436c	Deal With Variations and Defects in Instrument and Control Systems Within Nuclear Decommissioning Environments - 3 Credits
N436k	How to Deal With Variations and Defects in Instrument and Control Systems Within Nuclear Decommissioning Environments - 3 Credits
N437c	Diagnose and Determine the Causes of Faults in Instrument and Control Systems Within Nuclear Decommissioning Environments - 3 Credits
N437k	How to Diagnose and Determine the Causes of Faults in Instrument and Control Systems Within Nuclear Decommissioning Environments - 3 Credits
