Qualification Title:

GQA-PAA\VQ-SET Level 3 NVQ Diploma in Radiation Protection

Qualification Number: 500/6207/4 C00/0093/1

Qualification Specification

# Who is this qualification for?

This Diploma is based on the Cogent SSC National Occupational Standards (NOS) for Radiation Protection and

will provide recognition of the skills and knowledge of individuals working in radioactive environments. The

qualification is at level 3 and is aimed at learners who have responsibility for developing and implementing their organisation's radiation protection policy.

The groups of optional units make the qualification suitable for as wide a range of job roles and Organisations as possible.

This Diploma is part of a suite of qualifications developed from the Radiation Protection National Occupational Standards (NOS) at Levels 2 to 3, please email info@gqaqualifications.com for more information.

# Entry requirements

There are no formal entry requirements for learners undertaking this qualification. However, centres must ensure that learners have the potential and opportunity to gain the qualification successfully.

# Qualification support

This qualification has been designed and developed by GQA Qualifications with the support of Industry.

# Regulatory information

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| Countries offered in:  | England, Northern Ireland, Wales |
| Qualification type: | Occupational Qualification |
| Subject/sector areas  | Radiation Protection |
| Qualification review date:  | 30/06/2025 |
| Applicable age ranges (years):  | 16-18, 19+ |

# Further information

Further information about this qualification can be obtained from: [www.gqaqualifications.com/qualifications](http://www.gqaqualifications.com/qualifications)

You can also contact GQA Qualifications directly at:

GQA Qualifications Ltd, Unit 1, 12 O’clock Court, Attercliiffe Road, Sheffield S4 7WW.

Tel 01142 720033, email to info@gqaqualifications.com

# Qualification achievement

GQA qualifications are made up of units that have a credit value or credits. These credits must be achieved in the correct combination of mandatory and optional units.

20 Units must be achieved (10 knowledge and 10 competence units).

**Mandatory Units:**

All Mandatory Units must be achieved

**Optional Units:**

Learners must achieve 8 units from four of the Option Groups N218 to N226**.**

Knowledge and competence units must be taken in combination i.e. if unit N218k is chosen, unit N218c must also be completed; and vice-versa.

**Total Qualification Time (TQT) and Guided Learning Hours (GLH)**

Guided Learning Hours (GLH)

Guided Learning Hours are the time the learner is under the immediate supervision or guidance of a lecturer, supervisor, tutor or other appropriate provider or education or training.

The GLH for this qualification is 302

**Total Qualification Time (TQT)**

Total Qualification Time is comprised of 2 elements:

1. GLH

plus

2. an estimate of the number of hours a learner will reasonably be likely to spend in preparation, study

or any other form of participation in education or training, including assessment, which takes place

as directed by (but not under the immediate supervision of) a lecturer, supervisor, tutor or other

appropriate provider or education or training

The TQT for this qualification is 660

The units of assessment set out learning outcomes which describe what learners need to be able to do and understand. The learning outcomes are defined by assessment criteria which are used to assess competence, expressed as skills achieved and learned knowledge and understanding, to achieve the units. Achievement of the mandatory unit and optional units will mean the qualification has been completed and will be subject to approval of a claim for certification. GQA Qualifications will issue a certificate complete with the learner’s name, the qualification and unit titles and the credits achieved.

# Qualification Structure

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| --- | --- |
| **Qualification Title:**  | GQA-PAA\VQ-SET Level 3 NVQ Diploma in Radiation Protection |
| **Qualification Number (Ofqual)** | 500/6207/4  | **Qualification****Number (Qualifications Wales)** | C00/0093/1 |
| **Total Credits:** |  |
| **Total Qualification Time (TQT):** | 660 |
| **Guided Learning Hours (GLH):** | 302 |
| **Unit number**  | **Title**  | **Level** | **Credit** |
| **Mandatory Unit** |
| N212k | How to Implement Radiation Protection Policy within Ionising Radiation Environment | 3 | 4 |
| N212c | Implement Radiation Protection Policy within Ionising Radiation Environment | 3 | 3 |
| N213k | How to Inspect the Operation of Radiation Protection Systems Within Ionising Radiation Environments | 3 | 3 |
| N213c | Inspect the Operation of Radiation Protection Systems Within Ionising Radiation Environments | 3 | 3 |
| N214k | How to Implement Radiation Protection Systems Within Ionising Radiation Environments | 3 | 4 |
| N214c | Implement Radiation Protection Systems Within Ionising Radiation Environments | 3 | 3 |
| N215k | How to Identify and Quantify Radiation Hazards in the Workplace Within Ionising Radiation Environments | 3 | 4 |
| N215c | Identify and Quantify Radiation Hazards in the Workplace Within Ionising Radiation Environments | 3 | 3 |
| N216k | How to Designate Work Areas to be Controlled Within Ionising Radiation Environments | 3 | 4 |
| N216c | Designate Work Areas to be Controlled Within Ionising Radiation Environments | 3 | 3 |
| N217k | How to Supervise Radiation-Related Work Activities Within Ionising Radiation Environments | 3 | 4 |
| N217c | Supervise Radiation-Related Work Activities Within Ionising Radiation Environments | 3 | 4 |

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| **Optional Units, a minimum of 8 units must be achieved**  |
| **Unit number** | **Title** | **Level** | **Credit** |
| N218k | How to Specify Dosimetry for Radiation-Related Work Activities Within Ionising Radiation Environments | 3 | 4 |
| N218c | Specify Dosimetry for Radiation-Related Work Activities Within Ionising Radiation Environments | 3 | 4 |
| N219k | How to Monitor Radiation Doses During Radiation-Related Work Activities within Ionising Radiation Environment | 3 | 3 |
| N219c | Monitor Radiation Doses During Radiation-Related Work Activities within Ionising Radiation Environment | 3 | 3 |
| N220k | How to Assign Radiation-Related Work Activities to Colleagues within Ionising Radiation Environments | 3 | 3 |
| N220c | Assign Radiation-Related Work Activities to Colleagues within Ionising Radiation Environments | 3 | 3 |
| N221k | How to Manage Information on Radiation Protection within Ionising Radiation Environments | 3 | 3 |
| N221ck | Manage Information on Radiation Protection within Ionising Radiation Environments | 3 | 3 |
| N222k | How to Deliver Radiation Protection Training Programmes within Ionising Radiation Environments | 3 | 4 |
| N222c | Deliver Radiation Protection Training Programmes within Ionising Radiation Environments | 3 | 4 |
| N223k | How to Assess Colleagues Against Radiation Protection Requirements within Ionising Radiation Environments | 3 | 4 |
| N223c | Assess Colleagues Against Radiation Protection Requirements within Ionising Radiation Environments | 3 | 4 |
| N224k | How to Authorise Colleagues to Undertake Radiation-Related Activities within Ionising Radiation Environments | 4 | 4 |
| N224c | Authorise Colleagues to Undertake Radiation-Related Activities within Ionising Radiation Environments | 4 | 4 |
| N225k | How to Respond to Radiation Incidents Within Ionising Radiation Environments | 2 | 4 |
| N225c | Respond to Radiation Incidents Within Ionising Radiation Environments | 2 | 3 |
| N226k | How to Monitor Radiation Hazards Within Ionising Radiation Environments | 2 | 3 |
| N226c | Monitor Radiation Hazards Within Ionising Radiation Environments | 2 | 3 |

# Assessment

The qualification must be assessed using the following assessment method:

* Portfolio of Evidence

Learners are required to achieve all learning outcomes within units of assessment. All assessment is subject to internal quality assurance within approved centres providing this qualification. External quality assurance of assessment and internal quality assurance within approved centres is provided by GQA Qualifications.