Qualification Title:

GQA-PAA\VQ-SET Level 2 NVQ Diploma in Radiation Protection

Qualification Number: 500/6152/5 C00/0093/0

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 2 and is aimed at learners who may be technical staff but may also be employed in a wide range of support roles. The groups of optional units make the qualification suitable for as wide a range of job roles and Organisations as possible.

A further qualification at level 3 is available for individauls who have responsibility for developing and implementing their organisation's radiation protection policy, 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:  | 30/06/2024 |
| 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.

This qualification has 12 mandatory units and

**Mandatory Units:**

All Mandatory Units must be achieved

**Optional Units:**

Learners must also achieve 2 Optional Units from one Option Group. Knowledge andncompetence units must be taken in combination i.e. if unit N231k is chosen, unit N231c 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 162

**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 380

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)** | 500/6152/5  | **Qualification****Number (Qualifications Wales)** | C00/0093/0 |
| **Total Credits:** | 38 |
| **Total Qualification Time (TQT):** | 380 |
| **Guided Learning Hours (GLH):** | 162 |
| **Unit number**  | **Title**  | **Level** | **Credit** |
| **Mandatory Units** |
| N225k | How to Respond to Radiation Incidents within Ionising Radiation Environment | 2 | 4 |
| N225c | Respond to Radiation Incidents within Ionising Radiation Environment | 2 | 3 |
| N226k | How to Monitor Radiation Hazards Within Ionising Radiation Environments | 2 | 3 |
| N226c | Monitor Radiation Hazards Within Ionising Radiation Environments | 2 | 3 |
| N227k | How to Monitor Radiation Conditions during Work Activities Within Ionising Radiation Environments | 2 | 3 |
| N227c | Monitor Radiation Conditions during Work Activities Within Ionising Radiation Environments | 2 | 2 |
| N228k | How to Monitor People during Radiation Related Work Activities Within Ionising Radiation Environments | 2 | 2 |
| N228c | Monitor People during Radiation Related Work Activities Within Ionising Radiation Environments | 2 | 2 |
| N229k | How to Monitor Environmental Conditions During Radiation Related Work Activities Within Ionising Radiation Environments | 2 | 3 |
| N229c | Monitor Environmental Conditions During Radiation Related Work Activities Within Ionising Radiation Environments | 2 | 2 |
| N230k | How to Test the Functioning of Radiation Protection Equipment Within Ionising Radiation Environments | 2 | 3 |
| N230c | Test the Functioning of Radiation Protection Equipment Within Ionising Radiation Environments | 2 | 3 |

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| **Optional Units** |
| Group N231 – if this Group is chosen both Units must be completed |
| **Unit number** | **Title** | **Level** | **Credit** |
| N231k | How to Undertake Radiation-Related Work Activities Within Ionising Radiation Environments | 2 | 2 |
| N231c | Undertake Radiation-Related Work Activities Within Ionising Radiation Environments | 2 | 2 |
| Group N232 – if this Group is chosen both Units must be completed |
| N232k | How to Record Information on Radiation Protection within Ionising Radiation Environment | 2 | 2 |
| N232c | Record Information on Radiation Protection within Ionising Radiation Environment | 2 | 2 |

# 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.