Summary of the:

LEVEL 2 NVQ DIPLOMA IN RADIATION PROTECTION C00/0093/0

This qualification 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 aimed at learners who may be technical staff but may also be employed in a wide range of support roles.

Establishing underpinning knowledge and understanding for individuals working in the radioactive environments, this qualification is intended to be capable of delivery hrough both a taught programme of off-the-job learning or through workplace assessment (for those with access to the real workplace).

Learners must achieve 4 Mandatory Units and ONE of the Optional Units: PMT3.05, PMT3.09 or PMT3.11 dependant on the learner's chosen Pathway. .

What is required from candidates?

Qualifications are made up of a number of units that have a credit value or credits.

These credits must be achieved in the correct combination from mandatory units: this qualification has 4 Mandatory 2 optional units from the learners chosen pathway units.

Optional Units Group 1: Learners must achieve 6 units. Knowledge and competence units must be taken in combination i.e. if unit 3.3k is chosen, unit 3.3c must also be completed; and vice-versa. Optional Units Group 2: Learners must achieve 8 units. Knowledge and competence units must be taken in combination i.e. if unit 2.10k is chosen, unit 2.10c must also be completed; and vice-versa. If units 3.6k and 3.6c have already been chosen in Option Group 1, they cannot again be chosen from Option Group 2.

Qualifications are now required to indicate the total qualification time (TQT), this is to show the typical time it will take someone to attain the required skills and knowledge to meet the qualification criteria, this qualification has a TQT of 480 hours.
Qualifications are also required to indicate the number of hours of teaching someone would normally need to receive in order to pass the qualification. These are referred to as Guided Learning Hours (GLH). The GLH for this qualification is 285 hours.

The units are made up of the things you need to know and the things you need to be able to do to carry out your job safely and correctly. These are called Learning Outcomes, and all must be met to achieve the unit.

Unit Number	Unit Name	
Mandatory Units		
1.12k	How to Handover within Processing Industries Environments	2
1.12c	Handover within Processing Industries Environments	2
1.13k	How to Work Effectively in a Team within Processing Industries Environments	3
1.13c	Work Effectively in a Team within Processing Industries Environments	2
3.10k	How to Carry Out Emergency Procedures within Processing Industries Environments	3
Optional Units – Group 1		
3.3k	How to Prepare for Complex Processing Operations within Processing Industries Environments	4
3.3c	Prepare for Complex Processing Operations within Processing Industries Environments	4
3.4k	How to Control, Maintain and Restore Complex Processing Operations within Processing Industries Environments	5
3.4c	Control, Maintain and Restore Complex Processing Operations within Processing Industries Environments	5
3.5k	How to Complete Complex Processing Operations within Processing Industries Environments	4
3.5c	Complete Complex Processing Operations within Processing Industries Environments	4
3.1k	How to Carry Out Control Room Operations within Processing Industries Environments	4
3.1c	Carry Out Control Room Operations within Processing Industries Environments	3
3.6k	How to Contribute to the Maintenance of Product Quality within Processing and Manufacturing Environments	5
3.6c	Contribute to the Maintenance of Product Quality within Processing and Manufacturing Environments	5
Optional Units – Group 2		
2.10k	How to Clean and Prepare Complex Items of Plant and Equipment for Production within Processing Industries Environments	3
2.10c	Clean and Prepare Complex Items of Plant and Equipment for Production within Processing Industries Environments	3
2.14k	How to Contribute to the Protection of the Environment within Processing Industries Environments	2
2.14c	Contribute to the Protection of the Environment within Processing Industries Environments	2

3.2k	How to Control Emergencies and Critical Situations within Processing Industries Environments	5
3.2c	Control Emergencies and Critical Situations within Processing Industries Environments	3
3.6k	How to Contribute to the Maintenance of Product Quality within Processing and Manufacturing Environments	5
3.6c	Contribute to the Maintenance of Product Quality within Processing and Manufacturing Environments	5
3.7k	How to Plan to Maintain Product Integrity within Processing Industries Environments	3
3.7c	Plan to Maintain Product Integrity within Processing Industries Environments	3
3.9k	How to Allocate Personnel to Maintain Processing within Processing Industries Environments	3
3.9c	Allocate Personnel to Maintain Processing within Processing Industries Environments	2
3.11k	How to Solve Process Problems within Processing Industries Environments	5
3.11c	Solve Process Problems within Processing Industries Environments	4
3.12k	How to Enable Individual Learning Through Coaching within Processing Industries Environments	2
3.12c	Enable Individual Learning Through Coaching within Processing Industries Environments	2
3.13k	How to Conduct an Assessment of Risks in the Workplace within Processing Industries Environments	4
3.13c	Conduct an Assessment of Risks in the Workplace within Processing Industries Environments	3
3.14k	How to Identify Improvements to Energy Efficiency within Processing Industries Environments	3
3.14c	Identify Improvements to Energy Efficiency within Processing Industries Environments	3
3.15k	How to Enable Learning Through Demonstrations and Instruction within Processing Industries Environments	2
3.15c	Enable Learning Through Demonstrations and Instruction within Processing Industries Environments	2
1.14k	How to Work Safely within Processing Industries Environments	2
1.14c	Work Safely within Processing Industries Environments	1
4.4k	How to Solve Operational Problems within Processing Industries Environments	5
4.4c	Solve Operational Problems within Processing Industries Environments	4
4.6k	How to Develop and Update Standard Operating Procedure(s) within Processing Industries Environments	4
4.6c	Develop and Update Standard Operating Procedure(s) within Processing Industries Environments	4

Assessment Guidance:

Evidence should show that you can complete all of the learning outcomes for each unit being taken.

Types of evidence:

Evidence of performance and knowledge is required. Evidence of performance should be demonstrated by activities and outcomes, and should be generated in the workplace only, unless indicated under potential sources of evidence (see below). Evidence of knowledge can be demonstrated though performance or by responding to questions.

Quantity of evidence:

Evidence should show that you can meet the requirements of the units in a way that demonstrates that the standards can be achieved consistently over an appropriate period of time.

Potential sources of evidence:

The main source of evidence for each unit will be observation of the candidate's performance and knowledge demonstrated during the completion of the unit. This can be supplemented by the following types of physical or documentary evidence:

- Accident book/reporting systems
- Safety records
- Training records
- Audio records
- Job specifications and documentation
- Delivery Records
- Witness testimonies
- Correspondence with customers
- Notes and memos
- Photo/video evidence
- Work diaries
- Timesheets
- Telephone Logs
- Meeting records
- Records of toolbox talks
- Equipment
- Prepared materials and sites
- Completed work

Please Note that photocopied or downloaded documents such as manufacturers' or industry guidance, H&S policies, Risk Assessments etc, are not normally acceptable evidence for GQA unless accompanied by a record of a professional discussion or Assessor statement confirming candidate knowledge of the subject. If you are in any doubt about the validity of evidence, please contact your GQA External Verifier.