



Summary of the:

**SVQ in Laboratory and Associated Technical Activities (Industrial Science) at SCQF Level 7 GR49 47**

**Who is this qualification for?**

This qualification provides recognition of the skills and knowledge of individuals working in laboratory and associated technical activities, specifically in an industrial environment, and has been developed from the relevant National Occupational Standards (NOS).

It is not expected that all candidates for this qualification will all carry out the same activities, so the qualification is structured to ensure that there is a high degree of flexibility in the choice of units.

**What is required from candidates?**

To achieve the qualification learners must complete 5 Mandatory Units and 3 Optional Units, at least 2 of which must be taken from Option Group A. All 3 Optional Units may be taken from Group A or 1 Optional Unit may be taken from Group B.

Guidance on the evidence that will be acceptable is contained in the introduction to each unit.

Unit Number	Mandatory Units	Level	Credit Value
LATA 3.03	Carry out scientific or technical testing operations (8 credits)	6	8
LATA 3.04	Assess and communicate scientific or technical information to authorised personnel	6	6
LATA 3.05	Provide technical advice and guidance for scientific or technical activities	7	12
LATA 2.02	Maintain effective and efficient working relationships for scientific or technical activities	6	3
LATA 3.01	Maintain health and safety in a scientific or technical workplace	6	9
<b>OPTIONAL UNITS-CANDIDATES MUST COMPLETE 3 OPTIONAL UNITS-ALL 3 OPTIONAL UNITS COULD BE TAKEN FROM OPTIONAL GROUP 1, OR 2 UNITS FROM THIS GROUP AND 1 UNIT FROM OPTIONAL GROUP 2</b>			
<b>Group 1</b>			
LATA 3.06	Plan scientific or technical sampling and testing activities	7	8
LATA 3.07	Carry out complex scientific or technical testing operations	7	12
LATA 3.08	Carry out complex scientific or technical sampling operations	7	8
LATA 3.09	Carry out scientific or technical investigations	7	9
LATA 3.10	Carry out small scale processing	6	6
LATA 3.11	Diagnose faults, repair and maintain scientific or technical equipment for workplace activities	7	8
LATA 3.12	Measure, weigh and prepare compounds and solutions for laboratory use	7	16
LATA 3.21	Improve the quality and reliability of scientific or technical activities in the workplace	8	10
LATA 2.05	Maintain stocks of resources, equipment and consumables in life sciences and related industries	6	4
LATA 2-16	Follow aseptic procedures in the laboratory environment	6	9
<b>Group 2</b>			
LATA 3.14	Make presentations for scientific or technical activities in the workplace	8	8
LATA 3.15	Assess your own scientific or technical knowledge and skills for workplace activities	7	4
LATA 3.16	Provide training for scientific or technical activities in the workplace	8	10

**Assessment Guidance**

Evidence should show that the candidate can cover the scope of performance outlined for each relevant unit consistently over an appropriate period of time.

**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 through performance or by responding to questions.

**Potential sources of evidence:**

The main sources of evidence for each unit will be observation of performance and questions to show underpinning knowledge. This can be supplemented by the following types of physical or documentary evidence:

- Work products
- Organisational documentation
- Audio/photographic/video
- Delivery records
- Witness testimony
- Professional Discussion
- Inspection reports
- Notes and memos
- Candidate statements
- Organisational reports
- Simulation of accident or emergency

**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 qualifications 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 Quality Advisor.**

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