



**QQI**

Quality and Qualifications Ireland  
Dearbhú Cáilíochta agus Cáilíochtaí Éireann

## Special Purpose Specification NFQ Level 6

### Non-Domestic Gas Safety 6S20559

#### 1. Certificate Details

<b>Title</b>	Non-Domestic Gas Safety
<b>Teideal as Gaeilge</b>	Sábháilteacht Gáis Tráchtála
<b>Award Type</b>	Special Purpose
<b>Code</b>	6S20559
<b>Level</b>	6
<b>Credit Value</b>	15
<b>Purpose</b>	The purpose of this award is to equip the learner with the knowledge, skill and competence to safely carry out non-domestic gas works in accordance with applicable standards, legislation and guidelines, whilst working on their own initiative or in a supervisory capacity.
<b>Statements of Knowledge, Skill and Competence</b>	Learners will be able to:
<b>Knowledge</b>	
<i>Breadth</i>	Demonstrate a specialised knowledge of the safety considerations for designated categories of non-domestic gas installations.
<i>Kind</i>	Demonstrate theoretical and conceptual thinking pertinent to non-domestic gas installations with particular appreciation for current legislation, manufacturer's guidelines and relevant standards.
<b>Know How &amp; Skill</b>	
<i>Range</i>	Demonstrate a comprehensive range of specialist skills required to design, install and maintain non-domestic gas installations.

*Selectivity* Demonstrate judgment in the selection of the approach and tools required to address varied and unfamiliar tasks and problems.

## **Competence**

*Context* Carry out non-domestic gas works adapting appropriately to varied operational contexts.

*Role* Carry out non-domestic gas works with autonomy or in a supervisory capacity as appropriate.

*Learning to Learn* Identify and pursue opportunities for continuous professional development.

*Insight* Reflect on own performance and the performance of others to maintain and improve service quality.

The learning outcomes associated with this award are outlined in the associated Component Specifications.

## **Access**

To access programmes leading to this award the learner should have reached the standards of knowledge, skill and competence associated with the preceding level of the National Framework of Qualifications. This may have been achieved through a formal qualification or through relevant life and work experience.

Providers should ensure their programme includes suitable procedures and criteria for the recognition of prior learning for the purposes of access and, where appropriate, for advanced entry to the programme and for exemptions.

The following awards or equivalent will satisfy the access requirements for entry to a programme leading to this award.

Advanced Craft Certificate Plumbing

Advanced Craft Certificate Pipefitting

Advanced Craft Certificate Refrigeration and Air Conditioning

Advanced Craft Certificate Electrical

Level 6 Special Purpose Domestic Gas Safety (DGS) award 6S2947

Level 6 Supplemental Domestic Gas Safety award 6U20556

Level 6 Supplemental Domestic Gas Safety award 6U16018

## **Transfer**

Achievement of this award will enable the learner to transfer to other appropriate programmes leading to awards at the same level of the National Framework of Qualifications.

## **Progression**

Achievement of this award will enable the learner to progress to other appropriate programmes leading to awards at the next or higher levels of the National Framework of Qualifications.

**Progression Awards** Learners who successfully complete this award may progress to a range of different awards.

**Grading** Pass  
Merit  
Distinction  
The grade achieved will be determined by the grades achieved on the components

## 2. Certificate Requirements

**The total credit value required for this certificate is 15. This will be achieved by completing:**

<b>Award Code</b>	<b>Title</b>	<b>Level</b>	<b>Credit Value</b>
<b>All of the following component(s)</b>			
6N20521	Non-Domestic Gas and Pipework Safety	6	10
<b>A minimum credit value of 5 from the following components</b>			
6N20531	Space Heating and Hot Water Installations	6	5
6N20542	Catering and Laundry Installations	6	5
6N20546	Power Generation and CHP Installations	6	5

## 3. Supporting Documentation

1. Electricity Regulation Act, 1999, as amended, Energy (Miscellaneous Provisions) Act, 2006, as amended, Energy Act 2016.
2. Electricity Regulation Act 1999 (Gas Works) Regulations 2009 and Electricity Regulation Act 1999 (Liquefied Petroleum Gas Works) Regulations 2011
3. Irish Standard I.S. 820, Non-domestic gas installations
4. CER Guidance Notes to Liquefied Petroleum Gas Works Regulations S.I. 299 of 2011, CER/11/110
5. Extension of Registered Gas Installer Scheme to include Non-Domestic Gas Works Decision Paper, CER/15/244
6. Safety, Health and Welfare at Work Act 2005, as amended
7. Building Control Regulations
8. I.S. EN 161 Automatic shut-off valves for gas burners and gas appliances I.S. EN 203-1 Gas heated catering equipment. General safety rules
9. I.S. EN 656 Gas fired central heating boilers. Type b boilers of nominal heat input exceeding 70kw but not exceeding 300kw
10. I.S. EN 676 Automatic forced draught burners for gaseous fuels
11. RGII Registration Information

## 4. Specific Validation Requirements

The provider must have all of the following in place to offer all elements of this award:

1. A room, space or cubicle simulating a commercial environment including electrical supply (single and 3-phase)
2. Gas supply to a commercial meter point
3. Commercial gas pipework
4. A liquefied petroleum gas cylinder, changeover device, regulator and manifold
5. Commercial gas appliances to include catering, laundry, hot water and heating appliances (air and water), a CHP installation.
6. Commercial flue systems
7. Copies of appropriate legislation and standards, and certification associated with commercial gas works
8. The components of this award can only be validated within a programme for the overall Special Purpose award i.e. validation on a component basis is not available.

## 6. FET Award Standards

QQI award standards are determined within the National Framework of Qualifications (NFQ), <http://www.nfq-qqi.com>. QQI determines standards for the education and training awards that it makes itself and that are made by providers to whom it has delegated authority to make an award. Providers offering programmes leading to QQI awards **must** have their programme(s) validated in accordance with current validation policy (see [www.qqi.ie](http://www.qqi.ie)).

Award standards are designed to be consistent with the NFQ's award classes i.e. major, special purpose, supplemental and minor awards. They are expressed in terms of **learning outcomes** i.e. concise statements of what the learner is expected to know or be able to do in order to achieve a particular award. Learning outcomes for QQI awards are contained within the associated specifications:

AWARD CLASS	STANDARDS	AWARDS
Major Award	Certificate Specification	Certificate (Levels 1 to 5) Advanced Certificate (Level 6)
Supplemental Award	Supplemental Specification	Supplemental Certificate (Level 3 to 6)
Special Purpose	Specific Purpose Specification	Specific Purpose Certificate (Levels 3 to 6)
Minor Award	Component Specification	Component Certificate (Levels 1 to 6)

Award standards are thresholds, they describe standards of knowledge, skill or competence to be acquired, and where appropriate, demonstrated, by a learner before an award may be made.

Award standards will be reviewed from time to time as necessary. Minor changes may be made by the QQI executive outside the review cycle where necessary. Changes to standards are published on QQI's website. Providers with validated programmes and providers with delegated authority to make awards are responsible for monitoring relevant standards and making necessary responses to changes.

## 7. FET Credit

Every FET certificate and component specification includes an FET credit value (Table 1). FET credit is quantified in multiples of 5 FET credits (up to 50 hours of learner effort).

Learner effort is based on the time taken by typical learners at the level of the award to achieve the learning outcomes for the award. It includes all learning time involved including: guided learning hours, self-directed learning and assessment.

**Table 1: FET Credit Values**

NFQ Level	Major Awards Credit Values	Default Credit Values Minor Awards	Other Permitted Minor Award Credit Values	Special Purpose and Supplemental Award Credit Value Ranges
1	20	5	10	
2	30	5	10	
3	60	10	5,20	>5 and<60
4	90	10	5,15,20	>5 and<90
5	120	15	5,10,30	>5 and <120
6	120	15	5,10,30	>5 and <120

### Guide to Level

Learning outcomes at this level include a comprehensive range of skills which may be vocationally-specific and/or of a general supervisory nature, and require detailed theoretical understanding. The outcomes also provide for a particular focus on learning skills. The outcomes relate to working in a generally autonomous way to assume design and/or management and/or administrative responsibilities. Occupations at this level would include higher craft, junior technician and supervisor.

Strand	Sub-strand	Nature of learning
Knowledge	Breadth	Specialised knowledge of a broad area
	Kind	Some theoretical concepts and abstract thinking, with significant underpinning theory
Know How & Skill	Range	Demonstrate a comprehensive range of specialised skills and tools
	Selectivity	Formulate responses to well defined abstract problems
Competence	Context	Act in a range of varied and specific contexts involving creative and non-routine activities; transfer and apply theoretical concepts and/or technical or creative skills to a range of contexts
	Role	Exercise substantial personal autonomy and often take responsibility for the work of others and/or for the allocation of resources; form and function within, multiple and complex heterogeneous groups.
	Learning to Learn	Learn to evaluate own learning and identify needs within a structured learning environment; assist others in identifying learning needs
	Insight	Express an internalised, personal world view, reflecting engagement with others.

*Extract from 'Determinations for the Outline National Framework of Qualifications': NQAI*