

1. Title of the certificate ¹

Green Insulation skills technician training programme

2. Translated title of the certificate ²

Green Insulation skills technician training programme

3. Profile of skills and competences

The holder of the certificate:

Knows/Is aware of:

- ecological relevance and technical properties of materials and systems
- how to classify insulations
- the necessity of using green materials
- basic concepts of building physics
- most important ecological labels
- how to apply thermal insulation composite systems or other systems
- health and safety requirements
- differences in construction structures and climate differences in various regions of the EU
- differences in availability of green insulation materials in various countries
- influence of weather conditions on insulations
- difference between ordinary and extraordinary maintenance
- about different surface textures and renovation techniques
- about ordinary and extraordinary maintenance
- how to do it
- how to prepare cost calculation
- importance of professional development and motivation for upskilling and improving competence to keep people competitive on job market
- importance of soft skills meaning at work and how they influence communication and overall performance of work

Is able to:

- to perform a product assessment
- perform works properly using green insulation materials
- identify proper insulation material for the given work
- read and comprehend construction plans/ blueprints
- determine amounts and types of insulation needed, based on factors such as location, surface shape and equipment use, energy efficiency etc.
- make use of knowledge about lifecycle of systems and buildings
- to prepare calculations of materials, work, equipment
- recognize benefits of personal development
- understand ethos of being a construction professional and act according in on a day-to-day basis at work
- put in practice the circular economy concept at work

¹ In the original language. | ² If applicable. This translation has no legal status. | ³ If applicable.

- account for own and others actions in ensuring that the application is correctly integrated within a complex environment and complies with user/customer needs in terms of selecting proper green insulation materials
- measure and cut insulation materials to adhere to specifications
- perform quality assurance on site after finalized installation
- execute installation of green insulation materials
- manage construction waste created during insulation works (hazardous materials, sorting, utilization etc.)
- perform an assessment and diagnosis of the installed system
- perform a proper maintenance of green insulation materials and facades
- perform regular works, like cleaning or fixing green insulation elements in buildings and structures.
- to interact and communicate with owner about eco-friendly products being installed and discuss benefits
- communicate effectively with construction manager/ engineer/ site managers/ foreman/ owner
- highlight the advantages of green materials

4. Range of occupations accessible to the holder of the certificate ³

Insulation installer

¹ If applicable.

5. Official basis of the certificate

Body awarding the certificate

Example:

City & Guilds Affinity
1 Giltspur Street, London EC1A 9DD, UK
www.city-and-guilds.co.uk

Authority providing accreditation / recognition of the certificate

Example:

Qualifications and Curriculum Authority
83 Piccadilly London W1J 8QA, United Kingdom.
www.qca.org.uk

Level of the certificate (national or European) ¹

Level 4 in the European Qualifications Framework

Grading scale / Pass requirements

Assessment using an online simulation game

50%> Pass / Fail

Access to next level of education / training ¹

N/A

International agreements on recognition of qualifications¹

Example:

Ireland and United Kingdom have concluded an exercise to enable broad comparisons to be drawn between qualifications and their levels in Ireland, Scotland, England, Wales and Northern Ireland.

Legal basis

Example: Qualifications and Quality Assurance (Education and Training) Act 2012.

6. Officially recognised ways of acquiring the certificate

Replace with a description of the way the certificate can be acquired (apprenticeship, school/training centre-based or workplace-based, accredited prior learning) and/or complete the table below.

Description of vocational education and training	Percentage of total programme (%)	Duration (hours/weeks/months/years)
School/training centre-based	70 %	70 hours
Workplace-based	30 %	30 hours
Accredited prior learning		
Total duration of the education / training leading to the certificate		100 hours

7. Additional information

Entry requirements ¹

Candidates are expected to have access to a computer as well as have basic construction skills.

More information (including a description of the national qualifications system)

Example: www.naric.org.uk/naric

National Europass Centre

Example: www.naric.org.uk/Europass

¹ If applicable.