

Qualification Specification

GQA Level 5 Diploma in Façade Design and Engineering

Qualification Number: 610/5212/7

Who is this qualification for?

This qualification is aimed at individuals wishing to prove they have the level and range of knowledge to be able to design facades and show they have an understanding of a range of topics that need to be considered in the design process. The qualification covers topics relating to types of facades and the components and materials they are constructed from, thermal performance of different facade types, fire safety relating to facades, sound reduction in facades, the importance of considering the structural aspects of facades and the role of procurement in the design of facades.

This qualification is suitable for those who have the following job roles or are looking to progress into one of them; these roles include: Facade Engineers, Facade Consultants, Design Managers, Facade Designers, Facade Specialist Contractors, Architects, Project Managers, Estimators, Structural Engineers, Commercial Managers and other roles within the building envelope sector.

This qualification is at Level 5, although some units may be at different levels and should be taken by those who are fully trained to deal with a range of tasks and situations.

Entry requirements

There are no formal entry requirements for learners undertaking this qualification, however individuals will need to have some understanding of the facade industry and how facades are used in buildings.

Qualification support

This qualification has been designed and developed by GQA Qualifications with industry support.

Regulatory information

Countries offered in:	England, N. Ireland
Qualification type:	Technical Occupational qualification
Subject/sector areas	Construction
Qualification operational start date:	21/01/2025
Applicable age ranges (years):	18+

Further information

Further information about this qualification can be obtained from: www.gqaqualifications.com/qualifications

You can also contact GQA Qualifications directly at:

GQA Qualifications Ltd
Unit 1, 12 O'clock Court
Sheffield
S4 7WW

Tel 01142 720033, email to info@gqaqualifications.com

Qualification achievement

Individuals must complete all of the Mandatory Units

The minimum credit value of the qualification is 46 credits.

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. The minimum TQT for this qualification is 449 hours.

Qualifications are also required to indicate the number of hours of teaching someone would normally need to receive in order to achieve the qualification. These are referred to as Guided Learning Hours (GLH). The minimum GLH for this qualification is 184.

The unit of assessment sets out learning outcomes which describe what learners need to understand, and the assessment methods to be used. On successful completion GQA Qualifications will issue a certificate complete with the learner's name, the qualification and unit title and the credits achieved.

Qualification Structure

Qualification Title:		GQA Level 5 Diploma in Facade Design and Engineering			
Qualification Number (QAN):		610/5212/7			
Total Credits:	46	Total Qualification Time (TQT)	449	Guided Learning Hours (GLH)	184
Qualification Mandatory Units					
Unit Number	Internal Ref	Title	Level	Credit	
L/651/4449	FDE 01	Knowledge of key design principles in facade design and engineering	4	5	
K/651/4457	FDE 02	Knowledge of the types of facades used in buildings	4	5	
A/651/4452	FDE 03	Knowledge of the different facade components and their uses	5	5	
D/651/4453	FDE 04	Knowledge of the different types of materials that can be used on facades	5	6	
J/651/4456	FDE 05	Knowledge of the thermal performance of different facade types	5	5	
F/651/4454	FDE 06	Knowledge of the principles of fire safety in facade design and engineering	5	5	
Y/651/4451	FDE 07	Knowledge of designing to reduce the impact of sound transmission through a facade	4	5	
T/651/4450	FDE 08	Knowledge of the designing process focusing on the structural aspects of the facade	5	5	
H/651/4455	FDE 09	Knowledge of the procurement processes in facade design and engineering	4	3	

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 assessments are subject to internal quality assurance within approved centres that provide this qualification. GQA Qualifications provide external quality assurance of assessment and internal quality assurance within approved centres.