



MCS Company Scheme Criteria for:

Limited Scope Designer Criteria

DRAFT Consultation Document

This document shows the Competence Criteria required to be met by a company undertaking the type of work detailed above.



These competencies have been identified from the current Qualifications Credit Units (QCF) devolved from the National Occupational Standards (NOS) to cover the range of work a Nominated Technical Person (NTP) working in the scope identified on the front page would normally undertake.

Anybody holding:

1. A competence Certificate in the specific technology

Is likely to have met with all of the criteria presented within this document.

An Experienced Workers Route (EWR) will cover all the competencies outlined if taken in support of a EWR covering the same detail as titled on this document.

A full list of Qualifications that have been deemed to have met this criteria can be found at <http://www.microgenerationcertification.org/> along with access to EWR providers.

Please note anybody who has achieved the assessment without holding the correct mandatory Pre-requisites are likely to have to demonstrate further compliance against this company criteria.

Criteria Presentation

The criteria shown below in the following tables has been purposely presented in one of five categories:

1. Health and Safety – HS
2. Technical Skills – TS
3. Soft Skills – SS
4. Other – OT
5. Additional Information - AD

Where any box is blank these are intentionally blank.

By presenting the criteria within this format, it allows evidence to be collated for the Experienced Workers Route (EWR) options of evidencing compliance with the criteria.



Health and Safety Skills			
No.	Objective	No.	Criteria
Intentionally Blank			

Technical Skills			
No.	Objective	No.	Criteria
1	Understand the function of building services design	1	Appraise the services needs of a client
		2	Critically analyse the buildability of design solutions which satisfy an agreed design concept
		3	Critically evaluate specialist product information based on a sustainable whole-life design strategy
2	Be able to produce sustainable building services design solutions	1	Prepare the concept design deliverables from a client's brief
		2	Devise design deliverables for the construction phase
3	Be able to integrate building services design solutions throughout the lifetime of a building	1	Critically evaluate the post-practical completion stage of a specific building project
		2	Integrate building services design to the facilities management within an operational building
4	Be able to appraise the environmental drivers for innovation in sustainable construction	1	Critically analyse the impact of environmental drivers on the construction sector
		2	Appraise how a specific environmental driver leads to innovation for sustainable construction
		3	Critically review a project proposal in terms of innovation and sustainability
5	Understand the use of innovative materials, components and systems for sustainable construction	1	Examine the specification of innovative materials used in sustainable construction
		2	Devise a specification for a project that promotes innovation and sustainability
		3	Evaluate the long-term implications of using innovative materials, components and systems in a project
6	Understand influences on the management of the natural and built environments	1	Evaluate the influence of agencies on the management of the natural and built environments
		2	Critically analyse the relationship between environmental priorities and commercial goals for a project
7	Be able to measure the environmental impact of a building development, using appropriate techniques	1	Evaluate the performance of a building in relation to environmental parameters
		2	Assess the environmental impact of a building over its lifecycle within its context
		3	Develop a proposal which minimises the environmental impact of a proposed building project within its context



8	Understand the impact of environmental issues on the construction sector	1	Evaluate the impact of climate change on the operational aspects of buildings
		2	Evaluate current carbon reduction strategies within the construction sector
		3	Analyse the impact of carbon reduction strategies on the operational aspects of buildings
9	Understand supply chain management techniques and practices to meet project requirements	1	Critically appraise environmental issues in supply chain management for a given proposal
		2	Examine the benefits of involving suppliers in the early stages of a specific project development
10	Be able to develop proposals for change for a given project	1	Evaluate changes made in an organisation to successfully undertake a given project
11	Be able to create a human resource plan for a given project	1	Produce a human resource plan to enable implementation of a project
12	Understand the function of building services design	1	Appraise the services needs of a client
		2	Critically analyse the buildability of design solutions which satisfy an agreed design concept
		3	Critically evaluate specialist product information based on a sustainable whole-life design strategy
13	Be able to produce sustainable building services design solutions	1	Prepare the concept design deliverables from a client's brief
		2	Devise design deliverables for the construction phase
14	Be able to integrate building services design solutions throughout the lifetime of a building	1	Critically evaluate the post-practical completion stage of a specific building project
		2	Integrate building services design to the facilities management within an operational building

Soft Skills			
No.	Objective	No.	Criteria
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Other			
No.	Objective	No.	Criteria
Intentionally Blank			



Additional Guidance

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