

**Scottish Group Award Specifications**

<b>SGA in:</b>	<b>Construction</b>		
<b>Level:</b>	<b>Intermediate 2</b>	<b>Code:</b>	<b>G5A7 11</b>



## Summary of requirements

### SGA in Construction at Intermediate 2

#### National Courses and Units required\*

*1 mandatory National Course (4 credits) at Intermediate 2:*  
Construction Industry Practice

*Details in specific section*

**plus**

*1 National Course (4 credits) at Intermediate 2 from:*  
Construction Craft Skills  
Product Design  
Woodworking Skills

*Details in specific section*

**plus**

*8 credits at minimum of Intermediate 1*

*Details in specific section*

**Total 16 credits**

#### Core skills required\*

*The above must include or cover:*  
5 core skills at Intermediate 1

*Details in specific section*

\* See Important Note on page 4.

# Rules for credit contribution

## Important Note\* Achievement above the minimum requirements

The specification shows the **minimum** requirements for this SGA. Where possible, centres may wish to encourage candidates to exceed this minimum. Candidates achieving above the minimum specification will have this achievement recorded on their Scottish Qualifications Certificate. For example the following can be achieved above the minimum requirement:

- Core Skills at levels above those specified
- more National Courses and Units at Intermediate 2 instead of the credits at Intermediate 1
- National Course grades, eg grade A or B instead of grade C
- more than the required two National Courses, in which case each additional course completed counts as four credits

## Hierarchies

- courses and units can be substituted by those with the same title at a higher level, eg Numeracy (Int 1) can be substituted by Numeracy (Int 2) (See Section C)

## Double counting

- courses and units with the same title at different levels cannot both contribute credits to the SGA, eg **either** Craft and Design (Int 2) **or** Craft and Design (H)
- courses at the same level in the same subject cannot both contribute credits to the SGA, eg **either** the National Course in Craft and Design at Intermediate 2 **or** Standard Grade Craft and Design at Credit Level.<sup>1</sup> (See Section D)
- same course with different grades cannot both contribute credits to the SGA, eg **either** Woodworking Skills (Int 2) at grade A **or** Woodworking Skills (Int 2) at grade C

## National Course awards at Grade D

National Course awards at Grade D can contribute to the SGA in the following way:

- in place of the specified mandatory or optional Intermediate 2 Course, a grade D at Higher (or above) in a Course of the same title can contribute 4 credits to the SGA

Note - The former compensatory course awards (fallbacks) can also contribute to the SGA:

- in place of the specified mandatory or optional Intermediate 2 Course, a compensatory award for a Course of the same title taken at Higher (ie awarded at Intermediate 2) can contribute 4 credits to the SGA

## Craft and Design and Woodworking Skills

- Standard Grade Craft and Design at Credit Level can substitute for **either** Woodworking Skills (Int 2) **or** Craft and Design (Int 2) in this SGA.<sup>1</sup>

## Specific section

A

This section specifies: mandatory courses, mandatory units, mandatory combinations of courses and/or units, mandatory core skill requirements and optional courses and units.

\*Mandatory unit of a course. †Optional unit of a course. All other units are free-standing National Units.  
[ ]Bracketed numbers indicate the former coding for these unrevised National Units.

Course/unit no	Course/unit title	Credits
<b>One mandatory National Course:</b>		
C01N 11	Construction Industry Practice (Int 2)	4
<b>plus one National Course from:</b>		
C01M 11	Construction Craft Skills (Int 2)	4
C211 11	Product Design (Int 2)	4
C035 11	Woodworking Skills (Int 2)	4
<b>Total credits required: 8</b>		
<b>plus any combination of courses, component units and free-standing units to gain eight credits (at minimum Int 1) from:</b>		
<b>Course:</b>		
C01M 11	Construction Craft Skills (Int 2)	4
<b>Component units of course:</b>		
D920 11	*Construction: Cutting, Shaping and Working Building Materials/ Components using Hand and Power Tools (Int 2)	1
D918 11	*Craft Appreciation in Construction Craft Skills (Int 2)	2
<b>Course:</b>		
C211 11	Product Design (Int 2)	4
<b>Component units of course:</b>		
DF4W 11	*Product Design: Developing Design Proposals (Int 2)	1
DF4X 11	*Product Design: Manufacturing Products(Int 2)	1
DF4V 11	*Product Design: Design Analysis (Int 2)	1
<b>Course:</b>		
C035 11	Woodworking Skills (Int 2)	4
<b>Component units of course:</b>		
D182 11	*Bench Skills 1 – Wood Flat Frame Construction (Int 2)	1
D183 11	*Bench Skills 2 – Wood Carcase Construction (Int 2)	1
D184 11	*Machining and Finishing – Wood (Int 2)	1
<b>Free-standing National Units:</b>		
E8N3 11	Building Services: Drainage and Sanitation (Int 2) [75229]	0.5
EF2J 11	Craft Appreciation in Bricklaying (Int 2) [4230006]	1
D919 11	Craft Appreciation in Mechanical Engineering Services (Int 2)	1
Course/unit no	Course/unit title	Credits

Free-standing National Units continued:

EF2K 11	Craft Appreciation in Plastering (Int 2) [4230016]	1
EF2L 11	Craft Appreciation in Painting (Int 2) [4170006]	1
EF2H 11	Craft Appreciation in Woodworking (Int 2) [4270006]	1
D922 11	Electrical Installation Practice (Int 2)	1
E8N5 11	Engineering Services Drawing 1 (Int 2) [75235]	1
E81E 11	Introduction to Construction 1 (Int 2) [65029]	1
E81F 11	Introduction to Construction 2 (Int 2) [65030]	0.5
D999 11	Workshop Skills: An Introduction (Int 2)	1
E968 10	Basic Power Systems (Int 1) [84161]	1
E7RT 10	Electricity for the Consumer (Int 1) [64100]	0.5
D36H 10	Work Experience (Int 1)	1
D01B 10	Communication (Int 1)	1
D01C 10	Numeracy (Int 1)	1
D01D 10	Information Technology (Int 1)	1
D01E 10	Problem Solving (Int 1)	1
D01F 10	Working with Others (Int 1)	1
D9F2 10	Construction Careers: An Introduction (Int 1)	1
D9F1 10	Building Construction: An Introduction (Int 2)	1

Specific SVQs can contribute credits to this SGA. (See Section E)

**Total credits required: 8**

**16 credits**

**\*\* Core skills requirement**

Communication at Intermediate 1  
Numeracy at Intermediate 1  
Information Technology at Intermediate 1  
Problem Solving at Intermediate 1  
Working with Others at Intermediate 1

\*\* See Section B for core skills details.

# Rules for credit contribution

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- Core Skills at levels above those specified
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## Hierarchies

- courses and units can be substituted by those with the same title at a higher level, eg Numeracy (Int 1) can be substituted by Numeracy (Int 2) (See Section C)

## Double counting

- courses and units with the same title at different levels cannot both contribute credits to the SGA, eg **either** Craft and Design (Int 2) **or** Craft and Design (H)
- courses at the same level in the same subject cannot both contribute credits to the SGA, eg **either** the National Course in Craft and Design at Intermediate 2 **or** Standard Grade Craft and Design at Credit Level.<sup>1</sup> (See Section D)
- same course with different grades cannot both contribute credits to the SGA, eg **either** Woodworking Skills (Int 2) at grade A **or** Woodworking Skills (Int 2) at grade C

## National Course awards at Grade D

National Course awards at Grade D can contribute to the SGA in the following way:

- in place of the specified mandatory or optional Intermediate 2 Course, a grade D at Higher (or above) in a Course of the same title can contribute 4 credits to the SGA

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## Craft and Design and Woodworking Skills

- Standard Grade Craft and Design at Credit Level can substitute for **either** Woodworking Skills (Int 2) **or** Craft and Design (Int 2) in this SGA.<sup>1</sup>





## Core skills

B

To achieve this SGA, all candidates **must achieve** the following core skills:

Core skill	Level
Communication	Intermediate 1
Numeracy	Intermediate 1
Information Technology	Intermediate 1
Problem Solving	Intermediate 1
Working with Others	Intermediate 1

One or more core skills units in this SGA may be automatically certificated through mandatory courses and units. Where this is the case, the corresponding core skill unit in this section cannot be counted towards the SGA.

Candidates can achieve core skills:

- through Standard Grades or other units which give automatic certification of core skills, eg a candidate who has completed Standard Grade English and Mathematics at General Level is given automatic certification of Communication and Numeracy at Intermediate 1
- by selecting from the group award units and courses which give automatic certification of core skills, eg the optional unit Work Experience (Int 1) gives automatic certification of Problem Solving and Working with Others at Intermediate 1
- by doing dedicated core skills units – these units can contribute credits to the SGA and should be achieved through integration with appropriate subject specialist units. However, if the candidate wishes, the unit credits need not contribute to the SGA.

Candidates' current level of achievement in core skills is shown on the Scottish Qualifications Certificate in the form of a profile. This shows achievement against each of the core skills *components*. Where a core skill has more than one component, the candidate needs to achieve each component at the level specified for the SGA. For example, if an SGA requires Problem Solving at Intermediate 1, a candidate whose profile shows Critical Thinking and Planning and Organising at Intermediate 1 and Reviewing and Evaluating at Access 3 would not meet the requirement and would have to improve in Reviewing and Evaluating.

Details of all courses which give automatic certification of core skills is published in the *Catalogue of Core Skills in National Qualifications* (SQA, 2001/2002).



# Hierarchical sequences

C

The SQA numbering system for qualifications consists of a 4 + 2 reference code.

The qualifications in a hierarchical sequence have the same title and are available at more than one level. They are identified by their reference code having the same first four digits, eg D36H in the example below. The last two digits are unique to each level of qualification, eg 12 equates to Higher, 11 equates to Intermediate 2.

## Units

The following is an example of a hierarchical sequence of units:

D36H 10	Work Experience (Int 1)
D36H 11	Work Experience (Int 2)
D36H 12	Work Experience (H)

Where units which are part of hierarchical sequences are specified, candidates who achieve a unit at a higher level than the one specified can use the upper level unit to count as credit towards the group award. For example, Work Experience (Int 2) can be counted instead of Work Experience (Int 1).

Candidates can only use one of these units to count as credit towards the group award.

In the case of unrevised National Certificate Modules, ie units which retain their original number, there are hierarchies where the title is the same and the number is different. Details of these exceptions will be published in a separate document. The pattern for these hierarchies is the same as that previously established for GSVQs.

There are also some hierarchies where the titles and numbers of the units at different levels are different. In this specification, if there are two units at different levels with heavily overlapping content, only one of these units should be used to count as credit towards the group award. Details of these exceptions will be published in a separate document.

## Courses

The following is an example of a hierarchical sequence of courses:

C211 11	Product Design (Int 2)
C211 12	Product Design (H)
C211 13	Product Design (AH)

In the SGA specification, where courses which belong to hierarchical sequences are specified, candidates who achieve a course at a higher level than the one specified can use the upper level course to count as credit towards the group award. For example, Product Design (H) can be counted instead of Product Design (Int 2).

Candidates can only use one of these courses to count as credit towards the group award - a maximum of 4 credits.



## Standard Grades

D

Designated Standard Grades at Credit Level can contribute 4 credits each to the SGA in place of corresponding National Courses.

The designated Standard Grade and the corresponding National Courses, either of which can contribute to this SGA, are as follows:

**Standard Grade\***

Craft and Design at Credit Level

**National Course**

Craft and Design (Int 2)<sup>1</sup>

**or**

Woodworking Skills (Int 2)<sup>1</sup>

<sup>1</sup>See Rules for credit contribution.

\*If achieved prior to 1994 please contact SQA Helpdesk ☎ 0141 242 2214.



Specific Scottish Vocational Qualifications (SVQs) at the appropriate level can each contribute up to eight credits to an SGA.

SVQs at Level 3 contribute credits at Higher.

SVQs at Level 2 contribute credits at Intermediate 2.

SVQs at Level 1 contribute credits at Intermediate 1.

In this particular SGA the following SVQs each contribute a maximum of eight credits.

Code no	Specific SVQs	Level
<b>003 Constructing</b>		
G3SR 23	Mechanical Engineering Services: Heating and Ventilating Installation	3
G34B 22	Mechanical Engineering Services: Heating and Ventilating Installation	2
G34C 22	Mechanical Engineering Services: Maintenance of System Components	2
G363 22	Mechanical Engineering Services: Small Commercial Refrigeration and Air Conditioning Systems	2
G3WG 23	Mechanical Engineering Services: Ammonia Refrigeration Systems	3
G3WJ 23	Mechanical Engineering Services: Commercial and Industrial Air Conditioning Systems	3
G6HN 23	Mechanical Engineering Services: Domestic Gas Appliances: Installation	3
G6HH 23	Mechanical Engineering Services: Domestic Gas Appliances: Maintenance	3
G3SS 23	Mechanical Engineering Services: Rectification of Systems	3
G3WH 23	Mechanical Engineering Services: Commercial and Industrial Refrigeration Systems Other Than Ammonia	3
G3SM 23	Mechanical Engineering Services: Plumbing	3
G3SO 23	Construction: Bricklaying	3
G3S4 23	Construction: Carpentry and Joinery	3
G3SF 23	Construction: Glazing	3
G3SD 23	Construction: Painting and Decorating	3
G3S1 23	Construction: Roof Slating, Tiling and Cement Work	3
G3S2 23	Construction: Stonemasonry	3
G3SG 23	Construction: Wall and Floor Tiling	3
G3S3 23	Construction: Wood Machinery	3

Version 04 Revised (June 2004)  
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