

Scottish Group Award Specifications

SGA in:	Art and Design		
Level:	Higher	Code:	G59E 12

Summary of requirements

SGA in Art and Design at Higher

National Courses and Units required*

2 mandatory National Courses (8 credits) at Higher from:
Art and Design
Design

Details in specific section

plus

1 National Course (4 credits) at Higher from:
Craft and Design
Graphic Communication
Media Studies
Visual Arts
Photography for the Media

Details in specific section

plus

8 credits at minimum of Intermediate 2

Details in open section

Total 20 credits

Core skills required*

The above must include or cover:
1 core skill at Higher
4 core skills at Intermediate 2

Details in specific section

*See Important Note on page 4.

Rules for credit contribution for specific and open sections

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 Higher instead of the credits at Intermediate 2
- National Course grades, eg grade A or B instead of grade C
- more than the required three National Courses, in which case each additional course completed counts as four credits in the open section of the specification

Hierarchies

- courses and units can be substituted by those with the same title at a higher level, eg Design Activity (H) can be substituted by Design Activity (AH). Numeracy (Int 2) can be substituted by Numeracy (H) (See Section E)

Double counting

- courses and units with the same title at different levels cannot both contribute credits to the SGA, eg **either** Art and Design (H) **or** Art and Design (AH)
- courses at the same level in the same subject cannot both contribute credits to the SGA, eg **either** the National Course in Art and Design at Higher **or** SCE Higher Grade Art and Design (See Section F)
- same course with different grades cannot both contribute credits to the SGA, eg **either** Higher Art and Design at grade A **or** Higher Art and Design at grade C
- same course or unit cannot contribute credit to both the specific and open sections of an SGA

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.

Course/unit no	Course/unit title	Credits
Two mandatory National Courses:		
C003 12	Art and Design (H)	4
C01A 12	Design (H)	4
plus one National Course from:		
C024 12	Craft and Design (H)	4
C033 12	Graphic Communication (H)	4
C058 12	Media Studies (H)	4
C01L 12	Photography for the Media (H)	4
C01B 12	Visual Arts (H)	4

Total credits required: 12

** Core skills requirement

Communication at Intermediate 2
Numeracy at Intermediate 2
Information Technology at Intermediate 2
Problem Solving at Higher
Working with Others at Intermediate 2

** See Section D for core skills details.

Note: Candidates may substitute designated SCE Highers for National Courses at Higher in this section. (See Section F)

Open section

B

8 credits at minimum of Intermediate 2 are required to complete this SGA. These can be chosen from either one or both of the following sections:

- Open section (any qualification listed below)
- Specific section (units and courses not already chosen)

The 8 credits may be made up from any of the following. Each has a fixed credit value for the purposes of this SGA.

Qualifications	Credit
National Units at Intermediate 2 or above	each typically 1
National Courses at Intermediate 2 or above	each 4
Standard Grades at Credit Level contribute credits at <i>Intermediate 2</i> *	each 4
SCE Highers contribute credits at <i>Higher</i> *	each 4
Free-standing core skills units (if required to complete the core skills requirement)	each 1
Related SVQs at Level 2 in the following occupational areas contribute credits at <i>Intermediate 2</i> : 005 (Manufacturing) 010 (Communicating and Entertaining)	max 8
Related SVQs at Level 3 in the following occupational areas contribute credits at <i>Higher</i> : 005 (Manufacturing) 010 (Communicating and Entertaining)	max 8

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

Note: There are many ways in which the 8 credits at Intermediate 2 can be achieved and the following sections are provided for your information.

Open section: Qualifications which can contribute credits to this group award.

Programme advice: Guidance on possible combinations of units and courses which candidates might choose in order to gain the required credits.

Centres and candidates should agree the most appropriate way of gaining the required credits to meet each candidate's individual needs.

Rules for credit contribution for specific and open sections

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 Higher instead of the credits at Intermediate 2
- National Course grades, eg grade A or B instead of grade C
- more than the required three National Courses, in which case each additional course completed counts as four credits in the open section of the specification

Hierarchies

- courses and units can be substituted by those with the same title at a higher level, eg Design Activity (H) can be substituted by Design Activity (AH). Numeracy (Int 2) can be substituted by Numeracy (H) (See Section E)

Double counting

- courses and units with the same title at different levels cannot both contribute credits to the SGA, eg **either** Art and Design (H) **or** Art and Design (AH)
- courses at the same level in the same subject cannot both contribute credits to the SGA, eg **either** the National Course in Art and Design at Higher **or** SCE Higher Grade Art and Design (See Section F)
- same course with different grades cannot both contribute credits to the SGA, eg **either** Higher Art and Design at grade A **or** Higher Art and Design at grade C
- same course or unit cannot contribute credit to both the specific and open sections of an SGA

Note: Advice on making up programmes of credit from the open section follows in Section C.

Programme advice

C

Candidates having met the requirements of the specific section need to achieve a further 8 credits at a minimum of Intermediate 2. The general rules are defined in Section B.

A wide choice is available to meet the 8 credits. Centres should consider individual candidate needs, eg for further specialist work within the title area of the SGA or for broadening beyond the SGA title area.

Advice has been developed in the following section on possible groupings of units and courses. This might be useful in the selection of programmes to meet individual candidates' career and progression needs in art and design. The groupings are not exhaustive. Centres and candidates can choose other provision from SQA's range of qualifications to build up a coherent programme.

Candidates can make up the 8 credits by selecting courses and/or units from a range of these groupings or by selecting courses and/or units from an individual grouping according to their needs.

Please note the rules on hierarchical substitution and double-counting listed in Section B when finalising individual candidate SGA programmes.

*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
Audio Visual		
Free-standing National Units:		
D0HC 12	Audio Visual Techniques (H) [61735]	1
61789	Film Production Technology: Basic Skills (H)	1
61889	Film Animation 1: Graphics (H)	1
D0HE 12	Audio Visual Technology: Tape-Slide (H) [61738]	1
7110177	Video: Basic Linear Editing Techniques (H)	1
Ceramics, Pottery and Glasswork		
Free-standing National Units:		
D17S 12	Ceramics: Raku Firing and Glazing (H) [8356811]	1
D17N 12	Ceramics: Throwing Techniques: Lids and Handles (H) [8356751]	1
D17P 12	Ceramics: Creative Hand-Built Shapes (H) [8356782]	2
D0KV 12	Ceramics and Pottery: Throwing Techniques 2 (H) [71959]	2
D17R 12	Ceramics: Combined Thrown and Hand-Built Shapes (H) [8356792]	2
D17V 12	Introduction to Stained Glass Techniques (H) [8358010]	1
Drawing		
Free-standing National Units:		
D947 12	Drawing Skills: Analytical Drawing (H)	1
D17D 12	Drawing Skills: Technical Draughting - Freehand Perspective Projections (H) [8210034]	1
D17C 12	Drawing Skills: Technical Draughting - Measured Perspective Projections (H) [8210024]	1
64803	Engineering Draughting (H)	1
D948 11	Drawing Skills: Figure/Life Drawing 1 (Int 2)	1
64810	Engineering Draughting Skills (Int 2)	1

Course/unit no	Course/unit title	Credits
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Engineering Design

Course:		
C034 11	Engineering Craft Skills (Int 2)	4
Component units of course:		
D178 11	*Bench Skills: Metal (Int 2)	1
D179 11	*Machine Process: Metal (Int 2)	1
D180 11	†Fabrication and Welding (Int 2)	1
D181 11	†Practical Electronics (Int 2)	1
Course:		
C035 11	Woodworking Skills (Int 2)	4
Component units of course:		
D182 11	*Bench Skills 1 (Wood): Flat-Frame Construction (Int 2)	1
D183 11	*Bench Skills 2 (Wood): Carcass Construction (Int 2)	1
D184 11	*Machining and Finishing (Wood) (Int 2)	1
Free-standing National Units:		
D16R 12	Craft and Design (H) [8150166]	2
D16S 12	Design and Graphics in Industry (H) [8150176]	1
D0JD 12	Engineering Design (H) [64802]	1
D16T 12	Graphic Communication (H) [8150186]	2
D0PW 12	Surface Development and Pattern Drawing: Basic (H) [2270354]	1.5
2270434	Template Making Skills (H)	1
94806	Graphical Engineering Communication (Int 2)	1
D0N7 11	Introduction to Graphical Engineering Communication (Int 2) [94800]	0.5

Fabrics and Textile Crafts

Free-standing National Units:		
D0KM 11	Fabric Crafts: Batik (Int 2) [71730]	1
D0H8 11	Fabric Crafts: Embroidery (Int 2) [61731]	1
D0H9 11	Fabric Crafts: Fabric Painting (Int 2) [61732]	1
D0HA 11	Fabric Crafts: Knitting (Int 2) [61733]	1

Fashion Design

Course:		
C046 12	Home Economics – Fashion and Textile Technology course (H)	4
Component units of course:		
D494 12	*Consumer Studies (H)	1
D496 12	*Resource Management (H)	2
Course:		
C047 12	Home Economics – Lifestyle and Consumer Technology (H)	4
Component units of course:		
D501 12	*Consumer Studies (H)	1
D503 12	*Resource Management (H)	2

Course/unit no	Course/unit title	Credits
Free-standing National Units:		
D11L 12	Design Selection and Garment Construction (H) [7150620]	2
D0KN 11	Design and Fashion Illustration of Children (Int 2) [71803]	1
D0S3 11	Design and Manufacture : Light Clothing (Bodices) (Int 2) [3240703]	1
D0S4 11	Design and Manufacture: Skirts (Int 2) [3240753]	1
D0HW 11	Fashion Design: General Principles 2 (Int 2) [61801]	1
D0HX 11	Fashion Design: General Principles 3 (Int 2) [61802]	1
D0JB 11	Fashion Merchandising (Int 2) [63123]	1
D0RV 11	Garment Machine Sewing Skills: Children's Wear (Int 2) [3240043]	1
D0RT 11	Garment Machine Sewing Skills: Gents' Light Clothing (Shirts) (Int 2) [3240013]	1
D0S1 11	Garment Machine Sewing Skills: Ladies' Light Clothing (Bodices) (Int 2) [3240453]	1
D0RW 11	Garment Machine Sewing Skills: Skirts (Int 2) [3240053]	1
D0S0 11	Garment Machine Sewing Skills: Trousers (Int 2) [3240193]	1
D0S2 11	Garment Pattern Construction: Skirts (Int 2) [3240613]	1
D0RY 11	Introduction to Garment Pattern Construction (Int 2) [3240183]	1
D0RX 11	Introductory Sewing Machine Skills (Int 2) [3240083]	1

Fine Art

Free-standing National Units:

D0HY 12	Painting Techniques: Oils 1 (H) [61820]	1
D0J0 12	Painting Techniques: Oils 2 (H) [61821]	1
D17G 11	Introduction to Sculpture Techniques (Int 2) [8350023]	1
D954 11	Painting Techniques: Watercolour (Int 2)	1

General

Component unit of Business Management course:

D049 12	*Business Enterprise (H)	1
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Component units of Computing course:

D101 12	†Artificial Intelligence (H)	1
D099 12	†Computing Networking (H)	1
D102 12	†Multimedia Technology (H)	1

Component units of Information Systems course:

D303 12	*Information Organisation (H)	1
D094 12	†Computer Application Software (H)	1
D305 12	†Hypermedia (H)	1

Component units of Mathematics course:

D323 12	†Mathematics 3 (H)	1
D325 12	†Statistics (H)	1

Component unit of Engineering Practice course:

D985 12	Computer Aided Draughting (CAD) (H)	1
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Course/unit no	Course/unit title	Credit
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Free-standing National Units:

D0KP 12	Design Studies: Computer Aided Design (H) [71921]	1
D0J7 12	Film Animation 1: Graphics (H) [61889]	1
D17J 12	History of Art: c.1750 to c.1850 (H) [8355341]	1
D17K 12	History of Art: c.1850 to c.1914 (H) [8355351]	1
D17L 12	History of Art: c.1914 to c.1960 (H) [8355361]	1
D945 11	Colour: An Introduction (Int 2)	1

Graphic Design

Free-standing National Units:

D976 12	Desk-top Publishing (H)	1
D0J9 12	Graphic Design: Corporate Identity (H) [61892]	1
D963 12	Two-Dimensional Design: Typography 1 (H)	1
D964 12	Two-Dimensional Design: Typography 2 (H)	1
D960 12	Two-Dimensional Design: Design for Print (H)	1

Illustration

Free-standing National Units:

D0J8 12	Graphic Design: Children's Book Illustration (H) [61890]	1
D0HG 12	Technical Illustration: Airbrush (H) [61760]	1
D0HH 12	Technical Illustration: Pictorial 1 (H) [61766]	1
D0HF 12	Technical Illustration: Pictorial 2 (H) [61757]	1

Jewellery Design

Free-standing National Units:

D0KY 12	Jewellery Design: Doming and Forming (H) [71963]	2
D0L1 12	Jewellery Design: Stone Setting (H) [71968]	1
D16H 12	Retail Jewellery: Gemstones (H) [8120042]	1
D0HJ 11	Jewellery Design: Basic Enamelling (Int 2) [61770]	1
D0HL 11	Jewellery Design: Non-Precious Materials (Int 2) [61774]	0.5
D0L0 11	Jewellery Design: Non-Precious Materials 2 (Int 2) [71965]	1
D0KW 11	Jewellery Design: Piercing and Inlay (Int 2) [71961]	2
D0KX 11	Jewellery Design: Texturing and Surface Decoration (Int 2) [71962]	2
D0HK 11	Jewellery Design: Wire Twisting (Int 2) [61773]	0.5
D16G 11	Retail Jewellery: Noble Metals (Int 2) [8120032]	1

Letterforms

Free-standing National Units:

D0H4 12	Two-Dimensional Design: Letterforms 1 (H) [61706]	1
D0H5 12	Two-Dimensional Design: Letterforms 2 (H) [61707]	1
D0H6 12	Two-Dimensional Display: Basic Letterforms and Visual Layout (H) [61726]	1

Course/unit no	Course/unit title	Credit
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Media Studies

Component units of Media Literacy: Analysis and Production course:

D0YJ 12	*Media Studies: Advertising Analysis and Production (H) [7112031]	1
D0YT 12	†Media Studies: Press and Magazines (H) [7112131]	1
D10A 12	†Media Studies: Television (H) [7112181]	1

Free-standing National Units:

D0YH 11	General Media Studies (Int 2) [7112021]	1
D0YP 11	Media Studies: Graphic Design and Photography (Int 2) [7112091]	1
D0YR 11	Media Studies: Popular Comics (Int 2) [7112101]	1
D0YT 11	Media Studies: Press and Magazines 1 (Int 2) [7112121]	1
D0YW 11	Media Studies: Radio (Int 2) [7112141]	1
D10A 11	Media Studies: Television (Int 2) [7112171]	1

Photography

Course:

C01L 12	Photography for the Media (H)	4
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Component units of course:

D955 12	*Photography – Camera Techniques (H)	1
D0J2 12	*Photography: Location 2 (H) [61855]	1
D16Y 12	†Photography: Creative Image Making Techniques (H) [8170084]	1
D16V 12	†Photo Reportage (H) [8170021]	1

Free-standing National Units:

D0MP 12	Basic Studio Photography (H) [81852]	1
D0KR 12	Design Studies: Photography: Location (H) [71923]	2
D16W 12	Introduction to Close-up Photography (H) [8170041]	1
D956 12	Photography – Monochrome Film Processing and Printing (H)	1
D0MS 12	Photography: Copy Techniques (H) [81857]	1
D0J1 12	Photography: Manipulative Processes (H) [61849]	1
D0MR 12	Photography: Portraiture (H) [81853]	1
D952 11	Photography: An Introduction (Int 2)	1
D16X 11	Photography: Introduction to Portraiture (Int 2) [8170074]	1

Printmaking

Free-standing National Units:

D0KS 12	Design Studies: Screen Printing 2 (H) [71926]	2
D0JL 12	Graphic Reproduction: Introduction (Int 2) [67940]	1
D17A 12	Printmaking: Etching 1 (H) [8190071]	1
D0JK 12	Reprographics: Introduction (Int 2) [67915]	1
D957 11	Screen Process Printing: Introduction (Int 2)	1
D0JJ 12	Screen Process Printing: Stencil Production (H) [67906]	1

Course/unit no	Course/unit title	Credits
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Product Design

Free-standing National Units:

D0KT 12	Design Studies: Product Design (H) [71932]	2
D0HM 12	Model Making: Architectural 1 (H) [61780]	1
D0HN 12	Model Making: Architectural 2 (H) [61781]	1
D0HP 12	Model Making: General 1 (H) [61783]	1
D0HT 12	Product Design 1 (H) [61795]	1

Spatial Design

Free-standing National Units:

D0J6 12	Spatial Design: Display Design (H) [61887]	1
D0J5 12	Spatial Design: General Display (H) [61886]	1
D0J4 12	Spatial Design: Point of Sale Design (H) [61885]	1
D0J3 12	Three Dimensional Design: The Spatial Design Process (H) [61870]	1

Visual Arts

Course:

C01B 12	Visual Arts (H)	4
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Component units of course:

D949 12	*Drawing Skills – Figure/ Life Drawing 2 (H)	1
D946 12	*Design Studies – Location Drawing (H)	1
D17F 12	†Introduction to Welded Metal Sculpture (H)	1
D953 12	†Painting Techniques – Opaque (H)	1

Core skills

Free-standing National Units:

D01B 12	Communication (Int 2)	1
D01C 11	Numeracy (Int 2)	1
D01D 11	Information Technology (Int 2)	1
D01E 12	Problem Solving (H)	1
D01F 11	Working with Others (Int 2)	1

Candidates who have not achieved these core skills in other ways must select the required core skills units. See Section D for further information.

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

Core skills

D

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

Core skill	Level
Communication	Intermediate 2
Numeracy	Intermediate 2
Information Technology	Intermediate 2
Problem Solving	Higher
Working with Others	Intermediate 2

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 at Credit level is given automatic certification of Communication at Intermediate 2
- by selecting from the group award units and courses which give automatic certification of core skills, eg the mandatory Higher course in Art and Design gives automatic certification of Problem Solving at Higher. The Higher course in Media Studies gives automatic certification of Problem Solving and Working with Others at Higher.
- by selecting dedicated core skills units in the open section of 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 Communication at Intermediate 2, a candidate whose profile shows Written Communication at Intermediate 2 and Oral Communication at Intermediate 1 would not meet the requirement and would have to improve in Oral Communication.

Details of all courses which give automatic certification of core skills is published in *Automatic Certification of Core Skills in National Qualifications* (SQA, 1999).

Hierarchical sequences

E

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, D015 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:

D015 10 Design Activity (Int 1)
D015 11 Design Activity (Int 2)
D015 12 Design Activity (H)
D015 13 Design Activity (AH)

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, Design Activity (AH) can be counted instead of Design Activity (H).

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:

C003 10 Art and Design (Int 1)
C003 11 Art and Design (Int 2)
C003 12 Art and Design (H)
C003 13 Art and 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, Art and Design (AH) can be counted instead of Art and Design (H).

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

SCE Highers

F

Designated SCE Highers can contribute 4 credits each to the SGA in place of National Courses in the *specific section*.

The designated SCE Highers and their corresponding National Courses, either of which can contribute to this SGA, are as follows:

SCE Higher Grade*

Art and Design
Craft and Design
Graphic Communication

National Course

Art and Design (H)
Craft and Design (H)
Graphic Communication (H)

*SCE Highers do not give automatic certification of core skills. Further information will be published about this in due course.

Note: Any SCE Higher can contribute 4 credits to the *open section*.

Relevant Scottish Vocational Qualifications (SVQs) from occupational areas 005 (Manufacturing) and 010 (Communicating and Entertaining) can each contribute up to eight credits to the open section of the SGA.

SVQs at Level 3 contribute credits at Higher.

SVQs at Level 2 contribute credits at Intermediate 2.

The following are **examples** of relevant SVQs.

Code no	Relevant SVQs	Level
005 Manufacturing		
G37N 23	Manufacture Specialised Jewellery and Related Products	3
G38L 23	Manufacture Jewellery and Related Products	2
G37E 23	Carton Manufacture	3
G37P 22	Carton Manufacture	2
010 Communicating and Entertaining		
G4AK 23	Desk Top Publishing	3
G4BD 23	Design	3
G3MO 22	Design: Ceramics Design	2
G3LV 22	Design: Constructed Textile Design	2
G3LS 22	Design: Exhibition Design	2
G3LW 22	Design: Fashion Design	2
G3LY 22	Design: Furniture Design	2
G3LR 22	Design: Graphic Design	2
G3MI 22	Design: Interior Design	2
G3LX 22	Design: Product Design	2
G3LT 22	Design: Surface Pattern Textile Design	2
G4AH 23	Photographic Processing	3
G4JH 24	Photography	4
G4AG 23	Photography	3
G3L3 22	Photography	2
GHAL 23	Digital Imaging	3
G3L8 22	Digital Imaging	2
G3L4 22	Operating Photofinishing Systems	2
G4AJ 23	Controlling Minilab Operations	3
G4AK 23	Desk Top publishing	3
G4AA 23	Machine Printing	3
G3LO 22	Machine Printing	2
G4AC 23	Mechanised Binding	3
G3L2 22	Mechanised Binding	2

Code no	Relevant SVQs	Level
<i>continued</i>		
G3L7 22	Non-Impact Printing	3
G3L5 22	Operating Minilab Equipment	2
G4AD 23	Origination	3
G3KX 22	Origination	2
G4AE 23	Print Commercial	3
G3KY 22	Print Commercial	2
G4AB 23	Print Finishing	3
G3LI 22	Print Finishing	2

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