

No. 1247

2 November 2004

SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In accordance with regulation 24(c) of the National Standards Bodies Regulations of 28 March 1998, the Standards Generating Body (SGB) for

Furniture

Registered by NSB 06, Manufacturing, Engineering and Technology, publishes the following qualification and unit standards for public comment.

This notice contains the titles, fields, subfields, NQF levels, credits, and purpose of the qualification and unit standard. The qualification and unit standard can be accessed via the SAQA web-site at www.saga.org.za. Copies may also be obtained from the Directorate of Standards Setting and Development at the SAQA offices, Hatfield Forum West, 1067 Arcadia Street, Hatfield, Pretoria.

Comment on the unit standards should reach SAQA at the address **below and no later than 28 November 2004**. All correspondence should be marked **Standards Setting – SGB for Furniture** and addressed to

The Director: Standards Setting and Development
SAQA

Attention: Mr. D Mphuthing

Postnet Suite 248

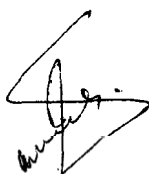
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SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:

National Certificate: Furniture Making (Wood)

SAQA QUAL ID (QUALIFICATION TITLE)		
49091	National Certificate: Furniture Making (Wood)	
SGB NAME	SGB Furniture	
ABET BAND	(PROVIDER NAME)	
Undefined		
QUALIFICATION CODE	QUAL TYPE	SUBFIELD
MET-2-National Certificate	National Certificate	Manufacturing and Assembly
MINIMUM CREDITS	NQF LEVEL	QUALIFICATION CLASS
134	Level 2	Regular-Unit Stds Based
SAQA DECISION NUMBER	REGISTRATION START DATE	REGISTRATION END DATE

PURPOSE OF THE QUALIFICATION

The purpose of the qualification is to provide learners and education and training providers with the standards required to satisfy the challenges of participating effectively in the furniture manufacturing industry. Typical learners will be workers in the furniture industry.

The qualification will be useful to both new entrants into the industry, and existing workers in the sector.

For those who have been in the workplace for a long time, this qualification can be used in the recognition of prior learning process to assess and recognise workplace skills acquired without the benefit of formal education and training.

For the new entrant, this qualification describes the learning outcomes required to effectively participate in a structured workplace.

For education and training providers, this qualification provides guidance for the development of appropriate learning programmes and assessment documentation.

For employers, this qualification enables skills gaps to be identified and addressed ensuring that productivity levels are increased and business objectives achieved.

This qualification has been developed to assist with standardisation across the furniture industry. This will allow persons to achieve recognition as a furniture maker, and lay a foundation for future career advancement across similar trades and to supervisory and management qualifications within the sector.

The combination of learning outcomes that comprise this qualification will provide the qualifying learner with vocational knowledge and skills appropriate to the context of furniture manufacturing. The learner will have an understanding of the furniture industry and how he or she should operate within the legislative, safety and quality systems which govern the workplace. It will also equip learners with a foundation for further intellectual development, opportunities for gainful employment and reward for contributions to society.

The qualifying learner will be able to:

- > identify and solve problems in relation to the production of furniture within their work area.
- > Communicate and work effectively with colleagues and supervisors, so that furniture production processes are carried out safely and to the required standard.
- > Demonstrate scientific and technological competence in the carrying out of furniture production processes.
- > Organise and manage him/herself and his/her activities responsibly and effectively to ensure work is carried out according to quality and performance requirements, without compromising safety for self and colleagues.
- > Understand the world as a set of related systems by recognising that problem-solving contexts do not exist

in isolation, that when performing furniture making operations that they do not pose a safety risk and that failure to maintain rate and quality of production will negatively impact upon all parts of the furniture production cycle.

Typical job roles and purpose:

- > Job Role-Purpose.
- > Semi-skilled finisher-Assisting skilled wood finisher.
- > Semi-skilled upholsterer-Assisting skilled upholsterer.
- > Semi-skilled wood machinist -Assisting skilled wood machinist.
- > Semi-skilled cabinet maker-Assisting skilled cabinet maker.

Key Work Areas

- > Preparing products and components for final finishing operations.
- > Hand polishing.
- > Conventional spraying of sealers and lacquers.
- > Lining up - positioning and attachment of ancillary and support materials for upholstery.
- > Attaching ready-prepared upholstery components to prepared furniture.
- > Simple carcass construction using hand tools, pneumatic tools and basic power tools.
- > Operate sawing, planing and sanding machines.

The relation between this Qualification and the principles of the NQF is indicated in the following table:

NQF principle - National certificate in making

- > Recognition of Prior learning - Allows for Recognition of Prior Learning, especially as a means of career advancement.
- > Credibility - Learning Outcomes are a result of consensus by the industry.
- > Relevance- Consulting workshops indicated a demand for unit standard based qualifications in Furniture Manufacturing.
- > Access - Removes traditional barriers to qualifications below "artisan" level.
- > Articulation/Progression - Forms part of a learning pathway for furniture makers, spanning NQF levels 1 - 4.

Rationale of the qualification

As a result of past legacies many practitioners within the furniture manufacturing sector were denied career advancement and possible recognition as qualified tradesmen. This was as a direct result of poor educational opportunities in some schools, leading to a lack of entry to formal training institutions. The introduction of a National Certificate in Furniture Making (Wood) based on unit standards will allow learners to reach their full potential of advancement without formal education becoming an impassable barrier and in addition, allow for the recognition of prior learning.

In the past the only recognition available for a worker in the furniture manufacturing industry was a full artisan qualification. The introduction of a National Certificate in Furniture Making (Wood) at NQF level 2 will allow those practitioners who do not have the academic attributes to achieve a higher qualification to gain recognition for their skills, which had previously been denied them.

The National Certificate in Furniture Making (Wood) reflects the skills, knowledge and understanding required to participate effectively in the furniture industry, whether in micro, small, medium or large operations.

The competencies contained in this Qualification are essential for social and economic transformation, empowerment and upliftment within the furniture manufacturing environment, whilst simultaneously improving the skills base of the country.

This qualification lays the basis of learning towards the more specialised National Certificates in Furniture Making (Wood) at NQF level 3.

The learning pathway for workers in the furniture industry consists of the following qualifications:

- > NQF level 1: National Certificate (GETC): Manufacturing, Engineering and Related Activities (Furniture).
- > NQF level 2: National Certificate in Furniture Making (Wood).
- > NQF level 3: National Certificate in Furniture Making (Wood).

> NQF level 4: National Certificate in Furniture Making (Specialism).

RECOGNIZE PREVIOUS LEARNING?

Y

LEARNING ASSUMED TO BE IN PLACE

It is assumed that a learner entering a programme leading to this qualification has successfully completed the National Certificate (GETC): Manufacturing, Engineering and Related Activities (Furniture) at NQF level 1 or has demonstrated equivalent competence.

Recognition of Prior Learning:

The qualification may be obtained in whole or in part through the process of Recognition of Prior Learning. Learners who meet the requirements of any unit standard in this qualification may apply for recognition of prior learning to the Forestry Industries Education and Training Authority (FIETA), and will be assessed against the assessment criteria and specific outcomes for the relevant unit standards.

QUALIFICATION RULES

The qualification is composed of Fundamental, Core and Elective learning components:

- > Fundamental: **40** minimum
- > Core: 20 minimum
- > Elective: **74** minimum

Credit total: Minimum of 134 credits

In order to be awarded the qualification, the learner has to prove competence in all of the Fundamental and Core Unit Standards. Candidates must achieve all the Elective Unit Standards related to their chosen specialism.

Additional Elective Unit Standards could be added to the qualification over time.

EXIT LEVEL OUTCOMES

1. Identify and solve problems in relation to the production of furniture within their work area.
2. Communicate and work effectively with colleagues and supervisors, so that furniture production processes are carried out safely and to the required standard.
3. Demonstrate scientific and technological competence in the carrying out of furniture production processes.
4. Organise and manage him/herself and his/her activities responsibly and effectively to ensure work is carried out according to quality and performance requirements, without compromising safety for self and colleagues.
5. Understand the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation, that when performing furniture making operations that they do not pose a safety risk and that failure to maintain rate and quality of production will negatively impact upon all parts of the furniture production cycle.

ASSOCIATED ASSESSMENT CRITERIA

1. Specification, tools, equipment, machinery and materials are checked and any problems are dealt with or reported to the appropriate authority.
2. All processes are performed according to Health & Safety legislation and organisational requirements.
3. All machinery and equipment is used safely and appropriately, in line with all organisational standards for quality, production and safety.
4. Work area, tools, equipment and materials are prepared according to requirements of drawings and specifications, the work area is kept clean, tidy and safe, and all organisational housekeeping procedures are correctly observed.

5. All processes are carried out as per organisational and international standards and requirements and within the specified time.

Integrated Assessment:

Formative assessments conducted during the learning process will consist primarily of demonstrations, with some written tests and a number of self-assessments. The purpose of formative assessment is to diagnose learner strengths and weaknesses and to determine readiness for summative assessment.

Summative assessment would consist of written tests and accompanying assignments, case studies and practical demonstrations. Summative assessments would only be conducted once the learner has indicated that he/she is ready to undergo summative assessment.

Before qualifying, learners will be expected to demonstrate competence in a practical situation that integrates the assessment of all specific outcomes, for all unit standards.

Integrated assessment provides learners with an opportunity to display an ability to integrate practical performance, actions, concepts and theory across unit standards to achieve competence in relation to the purpose of this qualification.

In particular assessors should check that the learner is able to demonstrate the ability to consider a range of options and make decisions about:

- > The quality of the observed practical performance as well as the theory and underpinning knowledge behind it.
- > The different methods that can be used by the learner to display thinking and decision making in the demonstration of practical performance.
- > Reflexive competencies.

INTERNATIONAL COMPARABILIN

This qualification was compared with furniture manufacturing qualifications from a variety of countries, including Scotland, Ireland, Italy and France. Only those qualifications that showed a high degree of comparability are included here.

It is to be noted that only in the UK is the conflated approach used here duplicated.

1. New Zealand Qualification Board

a) Finishing

This qualification is comparable to the New Zealand National certificate in Furniture Making (Level 2). The qualification is very similar to the South African. Details appear below:

The National Certificate in Furniture Making (Level 2) is for new trainees entering the industry, and those employed in the industry who have not had a formal structured qualification available to them. This qualification recognises the knowledge and skills required for the use of stains, coatings and preparation of furniture for Making. The furniture Making sector covers wood finishes as well as paint finishes and alternative materials. The qualification includes specified unit standards from furniture Making and making as well as first aid and generic unit standards, thus recognising the complementary knowledge and skills required for the diverse range of employment options within the industry.

The holders of the qualification work under supervision and in accordance with job specifications. This certificate recognises base level skills and provides a stairway to the National Certificate in Furniture Making (Level 4) [Ref: 0092].

Unit No.-Unit Standard Title-Level-Credit

- > 2206-Handle and manage hazardous materials for furniture finishing-2-2
- > 2208-Select, prepare, and apply stain to wooden furniture-3-8
- > 2209-Select and apply preparation coatings to furniture surfaces-3-5
- > 3152-Prepare wooden and substrate surfaces for finishing including wood filling open grains-2-3
- > 3153-Apply stain to wooden furniture surfaces-2-4
- > 3154-Apply preparation coatings to furniture surfaces-2-4
- > 17637-Remove coatings for furniture finishing-2-3
- > 17639-Apply shellac as a preparation coating for furniture finishing-2-4

- > 17640-Demonstrate knowledge of the use and manufacture of basic jigs and trolleys for furniture finishing-2-3
- > 17739-Identify faults in a surface for furniture finishing-1-1
- > 17740-Rectify faults in a surface for furniture finishing-2-3

The following differences are noted:

- i. The New Zealand NQF levels are not directly equivalent to the 'South African NQF levels. Thus a qualification at, for example, level 2, may encompass elements of South African levels 1, 2 and 3.
- ii. New Zealand unit standards are written at task level. This essentially means that the qualifications are made up of a large number of unit standards with small credit allocations.

b) Upholstery

This qualification is comparable to the equivalent New Zealand qualification. The following differences are noted:

- i. New Zealand has three small (40 credit) qualifications at this level:
 - > National Certificate in Furniture (Manufacturing Upholstery Cutting).
 - > National Certificate in Furniture (Manufacturing Upholstery Sewing).
 - > National Certificate in Furniture (Manufacturing Upholstery).
- ii. New Zealand unit standards are written at task level. This essentially means that the qualifications are made up of a large number of unit standards with small credit allocations.
- iii. There are elective standards that cover programming of CNC cutting machinery. This is not introduced into the South African qualifications until a higher level.
- iv. The qualifications include specific electives related to 'craft upholstery'. The South African qualification does not make this distinction.

c) Wood Machining and Cabinet Making

This qualification is comparable to the New Zealand National Certificate in Furniture Making (Level 3). The following differences are noted:

- i. The New Zealand NQF levels are not directly equivalent to the South African NQF levels. Thus a qualification at, for example, level 2, may encompass elements of South African levels 1, 2 and 3.
- ii. New Zealand unit standards are written at task level. This essentially means that the qualifications are made up of a large number of unit standards with small credit allocations.

2. Australian National Qualifications Framework

a) Finishing

The Technical and Further Education Authority (TAFE), New South Wales was also used as a resource for international benchmarking. TAFE provides nationally accredited training. The following information highlights the nationally accredited training programme offered by TAFE which is aligned to the Finishing Certificate qualification registered on the Australian Qualifications Framework at Level 2.

LMF20202 Certificate II in Furniture Making

Rationale:

Twelve units of competency are required to complete this qualification.

Qualifications:

Core

These units are mandatory:

- > LMFCR0001A Follow safe working policies and practices
- > LMFCR0002A Communicate in the workplace
- > LMFCR0003A Carry out measurements and calculations

> LMFCR0004A Work effectively with others

Specialist

Select the four mandatory units (bolded):

- > LMFFF2001A Use furniture finishing sector hand and power **tools**
- > LMFFF2002A Dismantle/reassemble furniture
- > LMFFF2003A Remove surface coatings
- > LMFFF2004A Prepare surfaces for finishing
- > LMFFF2005A Maintain spray equipment and booth
- > LMFFF2006A Apply surface coatings by spray gun
- > LMFFF2007A Apply stains, fillers and bleach.
- > LMFFF2008A Apply surface coatings by hand.

Imported

This unit is mandatory:

- > TDTD397C Handle dangerous **goods/hazardous** substances.

Electives

Select three units not lower than Certificate II level. These can be specialist, generic or imported in accordance with General Structuring Rules

b) Upholstery

The following information highlights the nationally accredited training programme offered by TAFE which is aligned to the Upholstery Certificate qualification registered on the Australian Qualifications Framework at Level 3.

Qualification: Upholstery - Certificate III (AQF)

National Code: 90601NSW

Course No: 7096

Nominal hours: **864**

This course, which can be done as an apprenticeship, is for people who are apprentices and trainees working in the furniture upholstery trade.

You will learn how to upholster all types of furniture using a variety of materials. You will also acquire recovering, repair and reupholstery skills, and will learn about procedures and techniques for fitting, marking, cutting and machine sewing.

Entry requirements:

There are no formal educational requirements for this course.

The following differences are noted:

- > The levels of the standards that make up the qualification range from level 1 through to level 3.
- > Recovering, repair and reupholstery skills are not introduced into the South African qualifications until a higher level.
- > Set up and maintenance of CNC machinery is included in the Australian qualification. This is included in the South African qualifications at a higher level.

c) Wood Machining and Cabinet making

The following information highlights the nationally accredited training programme offered by TAFE which is aligned to the Machining and Cabinet Making Certificate qualification registered on the Australian Qualifications Framework at Level 2.

Qualification: Certificate II (AQF)

National Code: LMF20302

Course No: 8008

Nominal hours: **456**

This course is for trainees wanting to acquire the skills and knowledge to work in the furniture making sector

of the furnishing industry.

Entry requirements:

There are no formal educational requirements for this course.

This qualification is made up of a very wide range of competency units from which the learners may choose in order to follow the desired trade.

LMF20302 Certificate II in Furniture Making

Rationale:

Twelve units of competency are required to complete this qualification.

Qualifications: Core

These units are mandatory

- > LMFCR0001A Follow safe working policies and practices
- > LMFCR0002A Communicate in the workplace
- > LMFCR0003A Carry out measurements and calculations
- > LMFCR0004A Work effectively with others

Specialist

Select the six mandatory units (bolded)

- > **LMFFM2001A** Use furniture making sector hand and power tools
- > **LMFFM2002A** Assemble furnishing components
- > **LMFFM2003A** Select and apply hardware
- > **LMFFM2004A** Apply sheet laminates by hand
- > **LMFFM2005A** Join solid timber
- > **LMFFM2006A** Hand make timber joints
- > **LMFFM2007A** Follow plans to assemble production furniture
- > **LMFFM2008A** Bend and form cane
- > **LMFFM2009A** Construct cane furniture
- > **LMFFM2010A** Set up, operate and maintain basic static machines
- > **LMFFM2011A** Apply manufactured board conversion techniques
- > **LMFFM2012A** Set up, operate and maintain pressure and clamping machines
- > **LMFFF2004A** Prepare surfaces for finishing

Electives

Select two units not lower than Certificate II level. These can be specialist, generic or imported in accordance with the General Structuring Rules.

The following differences are noted:

- > The levels of the standards that make up the qualification range from level 1 through to level 3.
- > Set up and maintenance of CNC machinery is included in the Australian qualification. This is included in the South African qualifications at a higher level.
- > The qualification includes dealing with cane furniture, which is a separate area of specialisation in South Africa.

3. United Kingdom NVQ

The National Vocational Qualification 'Making and Installing Furniture' at NVQ level 2 is broadly comparable to the South African qualification; details appear below.

Qualification details

Reference: 100/3129/7

Title: C&G Level 2 NVQ in Finishing and Installing Furniture

Awarding body: City & Guilds

Accreditation start date: 01 July 2003

Accreditation end date: 30 June 2008
 Certification end date: 30 June 2010
 Level: 2-Intermediate
 Type: NVQ - National Vocational Qualification
 Subject: Making and Installing Furniture
 Category: Occupational

The range of skills covered is very broad, with learners able to select units to make up a qualification in their chosen trade. The UK NVQ level 2 is pitched higher than the South African Qualification, but there are areas of overlap.

ARTICULATION OPTIONS

This qualification has been developed for mobility across similar trades within the furniture industry.

This qualification will allow learners access to the National Certificate in Furniture Making (Wood): NQF level 3 as well as providing a foundation for learning in the area of construction carpentry and joinery - vertical articulation.

The structure of the qualification allows a worker in the furniture industry to gain skills in any or all of the four key disciplines (wood machining, cabinet making, finishing, upholstery) without the need for a separate qualification - horizontal articulation.

Horizontal articulation also exists with National Certificates in other furniture manufacturing trades, for example Coffin Making.

MODERATION OPTIONS

Assessment of learner achievements takes place at providers accredited by FIETA (RSA, 1998b) for the provision of programmes that result in the outcomes specified for the National Certificate in Furniture Making (Wood), NQF level 2. FIETA, or other ETQAs that have a Memorandum of Understanding in place with FIETA - ETQA, is responsible for the moderation of learner achievements of learners who meet the requirements of this qualification.

Anyone assessing a learner or moderating the assessment of a learner against this qualification must be registered as an assessor with the relevant ETQA. Any institution offering learning that will enable the achievement of this Qualification must be accredited as a provider with the relevant ETQA.

Assessment and moderation of assessment will be overseen by the relevant ETQA according to the ETQAs policies and guidelines for assessment and moderation; in terms of agreements reached around assessment and moderation between ETQA's and in terms of the moderation guideline detailed immediately below.

Moderation must include both internal and external moderation of assessments at exit points of the qualification, unless ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described both in individual unit standards as well as the integrated competence described in the qualification.

Anyone wishing to be assessed against this qualification may apply to be assessed by any assessment agency, assessor or provider institution, which is accredited by the relevant ETQA.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

For an applicant to register as an assessor, the applicant needs:

- > A recognised assessor qualification.
- > Compliance with FIETAs requirements for assessor registration.
- > This qualification or equivalent competence.
- > A minimum of three years' experience in the field of Furniture Making.
- > The elective component of this qualification can only be assessed by an assessor with a minimum of three years' experience in that specialism.

NOTES

N/A

UNIT STANDARDS*(Note: A blank space after this line means that the qualification is not based on Unit Standards.)*

UNIT STANDARD ID AND TITLE		LEVEL	CREDITS	STATUS
core	9882 Read and interpret basic engineering drawings	Level 2	8	Registered
core	9964 Apply health and safety to a work area	Level 2	3	Reregistered
core	117416 Comply with good housekeeping practices	Level 2	4	Draft - Prep for P Comment
Elective	117144 Produce straight laminated timber and board components	Level 2	8	Draft - Prep for P Comment
Elective	117145 Produce sawn timber and board product components and products	Level 2	16	Draft - Prep for P Comment
Elective	117147 Perform breakout operations	Level 2	16	Draft - Prep for P Comment
Elective	117150 Cover prepared frame using basic upholstery hand tools	Level 2	32	Draft - Prep for P Comment
Elective	117151 Perform hand polishing operations	Level 2	26	Draft - Prep for P Comment
Elective	117152 Produce machine sanded timber and board product components and products	Level 2	16	Draft - Prep for P Comment
Elective	117153 Prepare and perform the precovering upholstery process	Level 2	32	Draft - Prep for P Comment
Elective	117154 Perform wood finishing operations by conventional spraying	Level 2	32	Draft - Prep for P Comment
Elective	117157 Prepare final covering for prepared upholstery frames	Level 2	12	Draft - Prep for P Comment
Elective	117159 Produce planed timber product components and products	Level 2	10	Draft - Prep for P Comment
Elective	117160 Prepare products for hand staining	Level 2	16	Draft - Prep for P Comment
Elective	117165 Produce basic hand crafted furniture	Level 2	22	Draft - Prep for P Comment
Fundamental	9357 Develop and use keyboard skills to enter text	Level 1	4	Registered
Fundamental	7469 Use mathematics to investigate and monitor the financial aspects of personal and community life	Level 2	2	Registered
Fundamental	7480 Demonstrate understanding of rational and irrational numbers and number systems	Level 2	3	Registered
Fundamental	8962 Maintain and adapt oral communication	Level 2	5	Registered
Fundamental	8963 Access and use information from texts	Level 2	5	Registered
Fundamental	8964 Write for a defined context	Level 2	5	Registered
Fundamental	8967 Use language and communication in occupational learning programmes	Level 2	5	Registered
Fundamental	9009 Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems	Level 2	4	Registered
Fundamental	12444 Measure, estimate and calculate physical quantities and explore, describe and represent geometrical relationships in 2-dimensions in different life or workplace contexts	Level 2	3	Registered
Fundamental	14086 Work with a wide range of patterns and basic functions and solve related problems	Level 3	3	Registered



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

1

Contribute to health, safety and good housekeeping in the workplace

SAQA US ID	UNIT STANDARD TITLE		
117148	Contribute to health, safety and good housekeeping in the workplace		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 2	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Contribute to health and safety of all personnel and visitors.

SPECIFIC OUTCOME 2

Conform to the OHAS Act and organisational health and safety requirements.

SPECIFIC OUTCOME 3

Carry out good housekeeping routines.



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UNIT STANDARD:

2

Cover prepared frame using basic upholstery hand tools

SAQA US ID (UNIT STANDARD TITLE			
117150	Cover prepared frame using basic upholstery hand tools		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		(Undefined	
FIELD DESCRIPTION		[SUBFIELDDESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	(UNIT STANDARD TYPE	(NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	(Regular	(Level2	(32

Specific Outcomes:

SPECIFIC OUTCOME 1

Select and prepare tools for covering.

SPECIFIC OUTCOME 2

Select and prepare components for covering.

SPECIFIC OUTCOME 3

Performing and completing covering operations.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

3

Perform breakout operations

SAQA US ID	UNIT STANDARD TITLE		
117147	Perform breakout operations		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing,Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 2	16

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select materials for breakout.

SPECIFIC OUTCOME 2

Organise and position materials for breakout.

SPECIFIC OUTCOME 3

Load machinery.

SPECIFIC OUTCOME 4

Breakout materials to component specifications.



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UNIT STANDARD:

4

Perform hand polishing operations

SAQA US ID	UNIT STANDARD TITLE		
117151	Perform hand polishing operations		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGBFURN	(Regular	(Level2	26

Specific Outcomes:**SPECIFIC OUTCOME 1**

Prepare workstation.

SPECIFIC OUTCOME 2

Prepare workpiece for hand polishing.

SPECIFIC OUTCOME 3

Select and prepare finish.

SPECIFIC OUTCOME 4

Apply final finishing coats.



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UNIT STANDARD:

5

Perform wood finishing operations by conventional spraying

SAQA US ID	UNIT STANDARD TITLE		
117154	Perform wood finishing operations by conventional spraying		
SGB NAME		ABET BAND	(PROVIDERNAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineeringand Technology		Manufacturingand Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 2	32

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select and prepare materials for spraying.

SPECIFIC OUTCOME 2

Apply stains by spraying.

SPECIFIC OUTCOME 3

Apply sealers, primers, clear and pigmented finishing coats.



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UNIT STANDARD:

6

Prepare and perform the pre-covering upholstery process

SAQA US ID	UNIT STANDARD TITLE		
117153	Prepare and perform the pre-covering upholstery process		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology)Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 2	32

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify and select materials for pre-covering process:

SPECIFIC OUTCOME 2

Select equipment and tools.

SPECIFIC OUTCOME 3

Prepare item to be upholstered.

SPECIFIC OUTCOME 4

Position and secure support and ancillary materials onto frame.



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UNIT STANDARD:

7

Prepare final covering for prepared upholstery frames

SAQA US ID	UNIT STANDARD TITLE		
117157	Prepare final covering for prepared upholstery frames		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	(Level2	12

Specific Outcomes:**SPECIFIC OUTCOME 1**

Prepare equipment, tools and workstation.

SPECIFIC OUTCOME 2

Prepare fabric.

SPECIFIC OUTCOME 3

Plan and mark fabric for cutting.

SPECIFIC OUTCOME 4

Cut out upholstery components.

SPECIFIC OUTCOME 5

Mark and sort upholstery components.



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UNIT STANDARD:

8

Prepare products for hand staining

SAQA US ID	UNIT STANDARD TITLE		
117160	Prepare products for hand staining		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 2	16

Specific Outcomes:

SPECIFIC OUTCOME 1

Prepare materials for hand staining.

SPECIFIC OUTCOME 2

Apply stains.

SPECIFIC OUTCOME 3

Apply grain fillers.

SPECIFIC OUTCOME 4

Apply sealers and primers.

SPECIFIC OUTCOME 5

Confirm surfaces for polishing.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

9

Produce basic hand crafted furniture

SAQA US ID	UNIT STANDARD TITLE		
117165	Produce basic hand crafted furniture		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		(Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGB FURN	(Regular	Level 2	22

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select and prepare equipment and tools.

SPECIFIC OUTCOME 2

Select and prepare materials and surfaces.

SPECIFIC OUTCOME 3

Select and prepare adhesives.

SPECIFIC OUTCOME 4

Cut, shape and mould components to size.

SPECIFIC OUTCOME 5

Cut components for joints.

SPECIFIC OUTCOME 6

Assemble furniture.

SPECIFIC OUTCOME 7

Finish off product according to standard.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

10

Produce machine sanded timber and board product components and products

SAQA US ID	UNIT STANDARD TITLE		
117152	Produce machine sanded timber and board product components and products		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 2	16

Specific Outcomes:

SPECIFIC OUTCOME 1

Select and prepare materials for sanding timber product components and products.

SPECIFIC OUTCOME 2

Prepare and set machines to sand timber product components and products.

SPECIFIC OUTCOME 3

Performing operations to produce sanded components and products.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

11

Produce planed timber product components and products

SAQA US ID	UNIT STANDARD TITLE		
117159	Produce planed timber product components and products		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	(Regular	Level 2	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select and prepare materials for machine-planing timber product components and products.

SPECIFIC OUTCOME 2

Prepare and set machines to plane timber product components and products.

SPECIFIC OUTCOME 3

Machine materials to form planed timber product components or products.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

12

Produce sawn timber and board product components and products

SAQA US ID	UNIT STANDARD TITLE		
117145	Produce sawn timber and board product components and products		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	(Undefined		
FIELD DESCRIPTION	SUBFIELD DESCRIPTION		
Manufacturing, Engineering and Technology	Manufacturing and Assembly		
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGBFURN	Regular	(Level2	16

Specific Outcomes:

SPECIFIC OUTCOME 1

Select and prepare materials for sawing.

SPECIFIC OUTCOME 2

Prepare for machining of sawn timber and board product components and products.

SPECIFIC OUTCOME 3

Machine materials to form sawn components or products.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

13

Produce straight laminated timber and board components

SAQA US ID	UNIT STANDARD TITLE		
117144	Produce straight laminated timber and board Components		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGB FURN	Regular	Level 2	8

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select equipment, tools and materials.

SPECIFIC OUTCOME 2

Prepare equipment and tools.

SPECIFIC OUTCOME 3

Prepare materials and surfaces

SPECIFIC OUTCOME 4

Select, prepare and apply adhesives

SPECIFIC OUTCOME 5

Carry out laminating processes



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

14

Comply with good housekeeping practices

SAQA USID	UNIT STANDARD TITLE		
117416	Comply with good housekeeping practices		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION	SUBFIELD DESCRIPTION		
Manufacturing, Engineering and Technology	Manufacturing and Assembly		
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	(CREDITS
MET-MNA-0-SGB FURN	Regular	(Level 2	4

Specific Outcomes:

SPECIFIC OUTCOME 1

Carry out good housekeeping routines.

SPECIFIC OUTCOME 2

Prepare workstation for safe and effective production.

SPECIFIC OUTCOME 3

Comply with relevant housekeeping policies and procedures.

SPECIFIC OUTCOME 4

Maintain effective working conditions.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:

National Certificate: Furniture Making: Wood

SAQA QUAL ID	QUALIFICATION TITLE	
49105	National Certificate: Furniture Making: Wood	
SGB NAME	SGB Furniture	
ABET BAND	PROVIDER NAME	
Undefined		
QUALIFICATION CODE	QUAL TYPE	SUBFIELD
MET-3-National Certificate	National Certificate	Manufacturing and Assembly
MINIMUM CREDITS	NQF LEVEL	QUALIFICATION CLASS
122	Level 3	Regular-Unit Stds Based
SAQA DECISION NUMBER	REGISTRATION START DATE	REGISTRATION END DATE

PURPOSE OF THE QUALIFICATION

The purpose of the qualification is to provide learners and education and training providers with the standards required to satisfy the challenges of participating effectively in the furniture manufacturing industry. Typical learners will be workers in the furniture industry.

For those who have been in the workplace for a long time, this qualification can be used in the recognition of prior learning process to assess and recognise workplace skills acquired without the benefit of formal education and training.

For the new entrant, this qualification describes the learning outcomes required to effectively participate in a structured workplace.

For education and training providers, this qualification provides guidance for the development of appropriate learning programmes and assessment documentation.

For employers, this qualification enables skills gaps to be identified and addressed ensuring that productivity levels are increased and business objectives achieved.

This qualification has been developed to assist with standardisation across the furniture industry. This will allow persons to achieve recognition as a furniture finisher, and lay a foundation for future career advancement across similar trades and to supervisory and management qualifications within the sector.

The combination of learning outcomes that comprise this qualification will provide the qualifying learner with vocational knowledge and skills appropriate to the context of furniture manufacturing. The learner will have an understanding of the furniture industry and how he or she should operate within the legislative, safety and quality systems which govern the workplace. It will also equip learners with a foundation for further intellectual development, opportunities for gainful employment and reward for contributions to society.

The qualifying learner will be able to:

- > Identify and solve problems in furniture production processes within their area of responsibility.
- > Communicate and work effectively with colleagues, subordinates and managers, so that furniture production processes are carried out safely and to the required standard.
- > Demonstrate scientific and technological competence in the carrying out of furniture production processes.
- > Organise and manage him/herself and his/her activities and those in area of responsibility effectively and responsibly to ensure work is carried out according to quality and performance requirements, without compromising safety for self and colleagues.
- > Understand the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation, that when performing furniture making operations that they do not pose a safety risk and that failure to maintain rate and quality of production will negatively impact upon all parts of the furniture

production cycle.

Typical job roles and purpose:

- > Skilled wood machinist: Carry out complex wood machining in the furniture production environment
- > Skilled finisher: Carry out a full range of finishing operations in a furniture making environment
- > Skilled cabinet maker: Carry out a full range of cabinet making operations required to produce crafted furniture
- > Skilled upholsterer: Carry out a full range of upholstery operations in a furniture making environment

Key Work Areas:

- > Make and maintain jigs and templates
- > Operate a full range of machines
- > Applying special effects and paint finishes to furniture products
- > Applying finishes using air spraying
- > Carrying out repairs to finishing damage on products
- > Construct carcasses, doors and drawers, and fit doors and drawers
- > Prepare and lay veneers and inlays
- > Produce complex curved or shaped laminated products
- > Completing upholstery processes
- > Machine-sewing upholstery covers
- > Carrying out diamond buttoning
- > Cushion making

The relation between this Qualification and the principles of the NQF is indicated in the following:

- > Recognition of Prior learning: Allows for Recognition of Prior Learning, especially as a means of career advancement
- > Credibility: Learning Outcomes are a result of consensus by the industry
- > Relevance: Consulting workshops indicated a demand for unit standard based qualifications in Furniture Manufacturing
- > Access: Removes traditional barriers to qualifications below "artisan" level
- > Articulation/Progression: Forms part of a learning pathway for wood machinists, spanning NQF levels 1 - 4.

Rationale of the qualification:

As a result of past legacies many practitioners within the furniture manufacturing sector were denied career advancement and possible recognition as qualified tradesmen. This was as a direct result of poor educational opportunities in some schools, leading to a lack of entry to formal training institutions. The introduction of a National Certificate in Furniture Making (level 3) based on unit standards will allow learners to reach their full potential of advancement without formal education becoming an impassable barrier and in addition, allow for the recognition of prior learning.

In terms of current legislation, it is a requirement of industry to transform designated trades into unit standards-based qualifications. The FIETA sector skills plan indicates a definite need for fully skilled tradesmen in all areas of the furniture making industry.

The National Certificate in Furniture Making reflects the skills, knowledge and understanding required to participate effectively in the furniture industry, whether in micro, small, medium or large operations.

The competencies contained in this Qualification are essential for social and economic transformation, empowerment and upliftment within the furniture manufacturing environment, whilst simultaneously improving the skills base of the country.

This qualification lays the basis of learning towards the National Certificate in Furniture Making at level 4.

The learning pathways in wood machining consist of the following qualifications:

- NQF level 1: National Certificate (GETC): Manufacturing, Engineering and Related Activities
- NQF level 2: National Certificate in Furniture Making (Wood)
- NQF level 3: National Certificate in Furniture Making (Wood)
- NQF level 4: National Certificate in Furniture Making (Specialism)

RECOGNIZE PREVIOUS LEARNING?

Y

LEARNING ASSUMED TO BE IN PLACE

It is assumed that a learner entering a programme leading to this qualification has successfully completed the National Certificate in Furniture Wood Machining and Cabinet Making at NQF level 2 or has demonstrated equivalent competence.

Recognition of Prior Learning:

The qualification may be obtained in whole or in part through the process of Recognition of Prior Learning. Learners who meet the requirements of any unit standard in this qualification may apply for recognition of prior learning to the Forestry Industries Education and Training Authority (FIETA), and will be assessed against the assessment criteria and specific outcomes for the relevant unit standards.

QUALIFICATION RULES

The qualification is composed of Fundamental, Core and Elective learning components:

- > Fundamental: 3%credits
- > Core: 12 credits
- > Elective: 72 credits (minimum)
- Credit total: 122 credits minimum

In order to be awarded the qualification, the learner has to prove competence in all of the Fundamental and Core Unit Standards, as well as the Elective Standards related to their area of specialisation. In addition a learner may choose to undertake the optional elective standard.

Additional Elective Unit Standards could be added to the qualification over time.

Elective unit standards:

The candidate must achieve all of either:

- > Produce profiled timber and board product components and products
- > Produce jointed timber and board product components and products
- > Produce bored timber and board product components and products
- > Produce turned timber product components and products
- > Produce edge banded components and products
- > Make and maintain jigs and templates
- Or
- > Apply specialist decorative effect and finish to furniture by spraying
- > Perform wood finishing operations using airless and air mix spraying equipment
- > Identify and carry out repairs to finishing damage on products
- Or
- > Produce modern carcasses, doors and drawers
- > Complete crafted furniture
- > Prepare veneers
- > Lay veneers and hand fit inlays
- > Produce curved laminated timber and board components
- Or
- > Prepare buttons and deep button furniture items
- > Carry out multi-layer fabric cutting
- > Machine sew covers for upholstery items
- > Cover prepared frame

Candidates selecting the cabinet making electives above may also choose:

- > Produce edge banded components and products

EXIT LEVEL OUTCOMES

On completion of this qualification learners are able to:

1. Identify and solve problems in furniture production processes within their area of responsibility.
2. Communicate and work effectively with colleagues, subordinates and managers, so that furniture

production processes are carried out safely and to the required standard.

3. Demonstrates scientific and technological competence in the carrying out of furniture production processes.

4. Organise and manage him/herself and his/her activities and those in area of responsibility effectively and responsibly to ensure work is carried out according to quality and performance requirements, without compromising safety for self and colleagues.

5. Understand the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation, that when performing furniture making operations that they do not pose a safety risk and that failure to maintain rate and quality of production will negatively impact upon all parts of the furniture production cycle.

ASSOCIATED ASSESSMENT CRITERIA

1. All processes are monitored and checked for optimum performance, and any problems are dealt with or referred to the appropriate authority.

2. All processes are performed according to Health & Safety legislation and organisational requirements, and unsafe work practices are identified and corrected.

3. All machinery and equipment is used safely and appropriately, in line with all organisational standards for quality, production and safety.

4. Work area, tools, equipment and materials are prepared according to requirements of drawings and specifications, the work area is kept clean, tidy and safe, and all organisational housekeeping procedures are correctly observed.

5. All processes are carried out as per organisational and international standards and requirements and within the specified time.

Integrated Assessment:

Formative assessments conducted during the learning process will consist primarily of demonstrations, with some written tests and assignments. The purpose of formative assessment is to diagnose learner strengths and weaknesses and to determine readiness for summative assessment.

Summative assessment would consist of written tests and accompanying assignments, case studies and practical demonstrations. Summative assessments would only be conducted once the learner has indicated that he/she is ready to undergo summative assessment.

Before qualifying, learners will be expected to demonstrate competence in a practical situation that integrates the assessment of all specific outcomes, for all unit standards.

Integrated assessment provides learners with an opportunity to display an ability to integrate practical performance, actions, concepts and theory across unit standards to achieve competence in relation to the purpose of this qualification.

In particular assessors should check that the learner is able to demonstrate the ability to consider a range of options and make decisions about:

- > The quality of the observed practical Performance as well as the theory and underpinning knowledge behind it.
- > The different methods that can be used by the learner to display thinking and decision making in the demonstration of practical performance.
- > Reflexive competencies

INTERNATIONAL COMPARABILITY

1. New Zealand Qualification Board

This qualification is comparable to the New Zealand National Certificate in Furniture Making (Level 4). Details appear below:

This qualification recognises on-job competence as a fully skilled tradesperson. It *is* designed to be an entry-level qualification for people new to the industry, and also for those employed in the industry who have not had a formal structured qualification available to them. However, people may progress to this qualification from the National Certificate in Furniture Making (Level 3) [Ref: 09651, with which it shares core credit requirements.

The compulsory unit standards in this qualification recognise achievement of essential basic skills for the furniture making industry. The electives are designed to recognise the complementary knowledge and skills required for employment options within the furniture making industry. The first elective section covers specific furniture making skills and the second elective includes the sub-field of Furniture, thus covering essential industry skills in the areas of wood machining and furniture assembly (previously known as cabinet, making) and processes using solid wood and wood panels. The third elective allows recognition for the achievement of core generic skills such as literacy, numeracy, computing, and first aid; and includes foundation and advanced competencies in first line management, business administration, and adult education. In some employment contexts, credits gained for the third elective will reflect further skills specific to furniture making.

Gaining this certificate **will** enable trainees to undertake further training in design, production, and management in the furniture making industry.

The following differences are noted:

- i. The New Zealand NQF levels are not directly equivalent to the South African NQF levels. Thus a qualification at, for example, level 2, may encompass elements of South African levels 1, 2 and 3.
- ii. New Zealand unit standards are written at task level. This essentially means that the qualifications are made up of a large number of unit standards with small credit allocations.
- iii. There is no specific 'Wood Machining' qualification. Candidates are able to choose from a selection of unit standards to make up the trade of their choice.

Finishing:

This qualification is comparable to the New Zealand National Certificate in Furniture Finishing (Level 4). Details appear below:

The National Certificate in Furniture Finishing (Level 4) includes and builds upon the knowledge and skills recognised in the National Certificate in Furniture Finishing (Level 2) [Ref: 07901 qualification. Holders of this qualification are fully qualified furniture finishers. This National Certificate is a pathway for those who hold the National Certificate in Furniture Finishing (Level 2) and those employed in the industry who have not had a formal structured qualification available to them.

This qualification recognises the knowledge and skills required for the use of stains, coatings and preparation of furniture for finishing as well as the finishing of furniture. The furniture finishing sector of the industry covers wood finishes as well as paint finishes and alternative materials.

The following differences are noted:

- i. The New Zealand **NQF** levels are not directly equivalent to the South African NQF levels. Thus a qualification at, for example, level 2, may encompass elements of South African levels 1, 2 and 3.
- ii. New Zealand unit standards are written at task level. This essentially means that the qualifications are made up of a large number of unit standards with small credit allocations.

Upholstery:

This qualification ~~is~~ comparable to the New Zealand National Certificate in Furniture Restoration and Recovery Upholstery (Level 3). The following differences are noted:

- iii. The New Zealand NQF levels are not directly equivalent to the South African NQF levels. Thus a qualification at, for example, level 2, may encompass elements of South African levels 1, 2 and 3.
- iv. New Zealand unit standards are written at task level. This essentially means that the qualifications are made up of a large number of unit standards with small credit allocations.

v. Although the qualification is specific to restoration and recovery, the skills covered are applicable across the furniture upholstery field.

2. Australian National Qualifications Framework

The Technical and Further Education Authority (TAFE), New South Wales was also used as a resource for international benchmarking. TAFE provides nationally accredited training. The following information highlights the nationally accredited training programme offered by TAFE which is aligned to the Wood Machining Certificate qualification registered on the Australian Qualifications Framework at Level 3.

LMF30502 Certificate III in Furniture Making (Wood Machining)

Rationale:

Twenty six units of competency are required to complete this qualification.

Qualifications: Core

These units are mandatory:

- LMFCR0001A Follow safe working policies and practices
- LMFCR0002A Communicate in the workplace
- LMFCR0003A Carry out measurements and calculations
- LMFCR0004A Work effectively with others

Specialist

Select the fourteen mandatory units:

- LMFFM2001A Use furniture making sector hand and power tools (mandatory)
- LMFFM2002A Assemble furnishing components (mandatory)
- LMFFM2003A Select and apply hardware (mandatory)
- LMFFM2004A Apply sheet laminates by hand
- LMFFM2005A Join solid timber (mandatory)
- LMFFM2006A Hand make timber joints (mandatory)
- LMFFM2007A Follow plans to assemble production furniture
- LMFFM2008A Bend and form cane
- LMFFM2009A Construct cane furniture
- LMFFM2010A Set up, operate and maintain basic static machines (mandatory)
- LMFFM2011A Apply manufactured board conversion techniques
- LMFFM2012A Set up, operate and maintain pressure and clamping machines
- LMFFM3001A Construct chair and couch frames
- LMFFM3002A Construct furniture using leg and rail method
- LMFFM3003A Produce angled and curved furniture using manufactured board
- LMFFM3004A Produce angled and curved furniture using solid timber
- LMFFM3005A Fabricate custom furniture
- LMFFM3006A Install furnishing products

Cabinet making:

The following information highlights the nationally accredited training programme offered by TAFE which is aligned to the Cabinet Making Certificate qualification registered on the Australian Qualifications Framework at Level 3.

LMF30402 Certificate III in Furniture Making (Cabinet Making)

Rationale:

Twenty seven units of competency are required to complete this qualification.

Qualifications: Core

These units are mandatory:

- LMFCR0001A Follow safe working policies and practices
- LMFCR0002A Communicate in the workplace

LMFCR0003A Carry out measurements and calculations
LMFCR0004A Work effectively with others

Specialist

Select the thirteen mandatory units:

LMFFM2001A Use furniture making sector hand and power tools (mandatory)
LMFFM2002A Assemble furnishing components (mandatory)
LMFFM2003A Select and apply hardware (mandatory)
LMFFM2004A Apply sheet laminates by hand
LMFFM2005A Join solid timber (mandatory)
LMFFM2006A Hand make timber joints (mandatory)
LMFFM2007A Follow plans to assemble production furniture
LMFFM2008A Bend and form cane
LMFFM2009A Construct cane furniture
LMFFM2010A Set up, operate and maintain basic static machines (mandatory)
LMFFM2011A Apply manufactured board conversion techniques (mandatory)
LMFFM2012A Set up, operate and maintain pressure and clamping machines
LMFFM2012A Set up, operate and maintain pressure and clamping machines
LMFFM3001A Construct chair and couch frames
LMFFM3002A Construct furniture using leg and rail method (mandatory)

Finishing:

The following information highlights the nationally accredited training programme offered by TAFE which is aligned to the Finishing Certificate qualification registered on the Australian Qualifications Framework at Level 3.

LMF30102 Certificate III in Furniture Finishing

Rationale:

Twenty ~~two~~ units of competency are required to complete this qualification.

Qualifications:

Core

These units are mandatory:

LMFCR0001A Follow safe working policies and practices
LMFCR0002A Communicate in the workplace
LMFCR0003A Carry out measurements and calculations
LMFCR0004A Work effectively with others

Specialist

Select the 11 mandatory units:

Select one of the remaining specialist units in accordance with the General Structuring Rules

LMFFF2001A Use furniture finishing sector hand and power tools (mandatory)
LMFFF2002A Dismantle/reassemble furniture (mandatory)
LMFFF2003A Remove surface coatings (mandatory)
LMFFF2004A Prepare surfaces for finishing (mandatory)
LMFFF2005A Maintain spray equipment and booth (mandatory)
LMFFF2006A Apply surface coatings by spray gun (mandatory)
LMFFF2007A Apply stains, fillers and bleach (mandatory)
LMFFF2008A Apply surface coatings by hand
LMFFF3001A Match and make up colours (mandatory)
LMFFF3002A Set up, operate and maintain mechanical coatings systems
LMFFF3003A Apply plural component coatings (mandatory)
LMFFF3004A Apply soft rubber techniques (mandatory)
LMFFF3005A Enhance finishes
LMFFF3006A Repair and touch up surfaces (mandatory)

Upholstery:

The following information highlights the nationally accredited training programme offered by TAFE which is

aligned to the Upholstery Certificate qualification registered on the Australian Qualifications Framework at Level 3.

Qualification: Certificate 111(AQF)

National Code: LMF31002

Course No: 7096

Rationale:

Twenty four units of competency are required to complete this qualification.

Qualifications:

Core

These units are mandatory:

LMFCR0001A Follow safe working policies and practices

LMFCR0002A Communicate in the workplace

LMFCR0003A Carry out measurements and calculations

LMFCR0004A Work effectively with others

Specialist

Select the 12 mandatory units:

LMFUP2001A Use upholstery sector hand and power tools (mandatory)

LMFUP2002A Fit upholstery components (mandatory)

LMFUP2003A Apply contemporary foundations to upholstered furniture (mandatory)

LMFUP2004A Machine sew upholstery final cover materials (basic) (mandatory)

LMFUP2005A Develop cutting plan and cut single upholstery fabric (mandatory)

LMFUP2006A Dismantle/reassemble furniture for upholstery (mandatory)

LMFUP3001A Apply traditional foundations to upholstered furniture (mandatory)

LMFUP3002A Fit and apply final cover materials to furniture using basic techniques (mandatory)

LMFUP3003A Fit and apply final cover materials to furniture using decorative techniques

LMFUP3004A Lay out patterns and cut leather

LMFUP3005A Machine sew upholstery final cover materials (complex)

LMFUP3006A Fit and apply leather to furniture (mandatory)

LMFUP3007A Manufacture and fit loose covers

LMFUP3008A Apply finishing techniques to upholstered furniture (mandatory)

LMFUP3009A Develop cutting plan and cut multiple layer upholstery fabric

LMFUP3010A Cut, sew and fit skirts to upholstered furniture (mandatory)

LMFUP3011A Cut, sew and fit or fill cushions (mandatory)

LMFUP3012A Apply marine sewing and installation techniques

LMFUP3013A Cut and sew canvas and acrylics

LMFUP3014A Set up, operate and maintain CNC cutting machines

Generic

These units are mandatory:

LMFGN3001A Read and interpret work documents

LMFGN3002A Estimate and cost job

Although the range of operating areas, such as marine upholstery, is broader than the South African qualification, the areas of similarity with this qualification are marked.

3. United Kingdom NVQ

The National Vocational Qualification 'Making and Installing Furniture' at NVQ level 2, and the Vocationally-Related Qualification 'Progression award in Furniture', also at level 2, are broadly comparable to the South African qualification; details appear below.

Qualification details

Reference: 100/3129/7

Title: C&G Level 2 NVQ in Making and Installing Furniture

Awarding body: City & Guilds

Accreditation start date: 01 July 2003

Accreditation end date: 30 June 2008
 Certification end date: 30 June 2010
 Level: 2-Intermediate
 Type: NVQ - National Vocational Qualification
 Subject: Making and Installing Furniture
 Category: Occupational

Reference: 100/3236/8
 Title: **C&G** Level 2 Progression Award in Furniture
 Awarding body: City & Guilds
 Accreditation start date: 01 Aug 2003
 Accreditation end date: 31 July 2004
 Certification end date: 31 July 2005
 Level: 2-Intermediate
 Type: VRQ - Vocationally-Related Qualification
 Subject: Furniture
 Category: Vocationally-related

The range of skills covered is very broad, with learners able to select units to make up a qualification in their chosen trade.

ARTICULATION OPTIONS

This qualification has been developed for mobility across similar trades within the furniture industry.

This qualification will allow learners access to the National Certificate in Furniture Making (Specialism) at NQF level 4, as well as providing a foundation for learning in the construction industry in the area of carpentry and joinery - vertical and horizontal articulation.

The structure of the qualification allows a worker in the furniture industry to gain skills in any or all of the four key disciplines (wood machining, cabinet making, finishing, upholstery) without the need for a separate qualification - horizontal articulation.

Horizontal articulation also exists with National Certificates in other furniture manufacturing trades, for example Coffin Making.

MODERATION OPTIONS

Assessment of learner achievements takes place at providers accredited by FIETA (RSA, 1998b) for the provision of programmes that result in the outcomes specified for the National Certificate in Furniture Making, NQF level 3. FIETA, or other ETQAs that have a Memorandum of Understanding in place with FIETA - ETQA, is responsible for the moderation of learner achievements of learners who meet the requirements of this qualification.

Anyone assessing a learner or moderating the assessment of a learner against this qualification must be registered as an assessor with the relevant ETQA. Any institution offering learning that will enable the achievement of this Qualification must be accredited as a provider with the relevant ETQA.

Assessment and moderation of assessment will be overseen by the relevant ETQA according to the ETQA's policies and guidelines for assessment and moderation; in terms of agreements reached around assessment and moderation between ETQAs and in terms of the moderation guideline detailed immediately below.

Moderation must include both internal and external moderation of assessments at exit points of the qualification, unless ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described both in individual unit standards as well as the integrated competence described in the qualification.

Anyone wishing to be assessed against this qualification may apply to be assessed by any assessment agency, assessor or provider institution, which is accredited by the relevant ETQA.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

For an applicant to register as an assessor, the applicant needs:

- > A recognised assessor qualification;
- > Compliance with FIETAs requirements for assessor registration.
- > This qualification or equivalent competence.
- > A minimum of three years' experience in the field of Furniture Making.
- > The elective component of this qualification can only be assessed by an assessor with a minimum of three years' experience in that specialism.

NOTES

N/A

UNIT STANDARDS

(Note: A blank space after this line means that the qualification is not based on Unit Standards.)

	UNIT STANDARD ID AND TITLE	LEVEL	CREDITS	STATUS
core	12215 Read, interpret and produce basic engineering drawings	Level 2	6	Registered
core	13223 Apply safety, health and environmental protection procedures	Level 3	6	Registered
Elective	117347 Apply specialist decorative effects and finish to furniture by spraying	Level 3	38	Draft - Prep for P Comment
Elective	117349 Carry out multi-layer fabric cutting	Level 3	16	Draft - Prep for P Comment
Elective	117351 Complete crafted furniture	Level 3	22	Draft - Prep for P Comment
Elective	117352 Cover prepared frame	Level 3	16	Draft - Prep for P Comment
Elective	117353 Identify and carry out repairs to finishing damage on products	Level 3	12	Draft - Prep for P Comment
Elective	117354 Lay veneers and hand fit inlays	Level 3	16	Draft - Prep for P Comment
Elective	117356 Machine sew covers for upholstered items	Level 3	30	Draft - Prep for P Comment
Elective	117358 Make and maintain jigs and templates	Level 3	6	Draft - Prep for P Comment
Elective	117366 Perform wood finishing operations using airless and air mix spraying equipment	Level 3	22	Draft - Prep for P Comment
Elective	117372 Prepare buttons and deep button furniture items	Level 3	10	Draft - Prep for P Comment
Elective	117376 Prepare veneers	Level 3	6	Draft - Prep for P Comment
Elective	117384 Produce bored timber and board product components and products	Level 3	16	Draft - Prep for P Comment
Elective	117385 Produce curved laminated timber and board components	Level 3	8	Draft - Prep for P Comment
Elective	117386 Produce jointed timber and composite board product components and products	Level 3	16	Draft - Prep for P Comment
Elective	117387 Produce edge banded components and products	Level 3	8	Draft - Prep for P Comment
Elective	117388 Produce profiled timber and board product components and products	Level 3	16	Draft - Prep for P Comment
Elective	117389 Produce turned timber components and products	Level 3	10	Draft - Prep for P Comment
Elective	117396 Produce modern carcasses, doors and drawers	Level 3	22	Draft - Prep for P Comment
Fundamental	7547 Operate a personal computer system	Level 2	6	Reregistered
Fundamental	7548 Use personal computer operating system	Level 2	3	Reregistered
Fundamental	7571 Demonstrate the ability to use electronic mail software to send and receive messages	Level 2	3	Reregistered
Fundamental	8968 Accommodate audience and context needs in oral communication	Level 3	5	Registered
Fundamental	8969 Interpret and use information from texts	Level 3	5	Registered
Fundamental	8970 Write texts for a range of communicative contexts	Level 3	5	Registered
Fundamental	8973 Use language and communication in occupational teaming programmes	Level 3	5	Registered

Fundamental	9010 Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	Level 3	2	Registered
Fundamental	9013 Describe, apply, analyse and calculate shape and motion in 2- and 3-dimensional space in different contexts	Level 3	4	Registered



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

1

Apply specialist decorative effects and finish to furniture by spraying

SAQA US ID	UNIT STANDARD TITLE		
117347	Apply specialist decorative effects and finish to furniture by spraying		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
/Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	38

Specific Outcomes:

SPECIFIC OUTCOME 1

Select and prepare materials for special effect and finish.

SPECIFIC OUTCOME 2

Select and prepare equipment for spraying.

SPECIFIC OUTCOME 3

Apply sealers, primers, and effect and finish.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

2

Carry out multi-layer fabric cutting

SAQA US ID	UNIT STANDARD TITLE		
117349	Carry out multi-layer fabric cutting		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	16

Specific Outcomes:**SPECIFIC OUTCOME 1**

Prepare equipment, tools and workstation.

SPECIFIC OUTCOME 2

Prepare fabric, templates and lays for marking out components.

SPECIFIC OUTCOME 3

Plan and mark fabric for cutting.

SPECIFIC OUTCOME 4

Cut out upholstery components from multi-layer ups.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

3

Complete crafted furniture

SAQA US ID	UNIT STANDARD TITLE		
117351	Complete crafted furniture		
SGB NAME		MET DANE	PROVIDER NAME
SGB Furniture		Unowned	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 2	

Specific Outcomes:

SPECIFIC OUTCOME 1

Prepare equipment, tools, fittings and workstation.

SPECIFIC OUTCOME 2

Select and prepare adhesives.

SPECIFIC OUTCOME 3

Attach fittings.

SPECIFIC OUTCOME 4

Fit doors and drawers.

SPECIFIC OUTCOME 5

Attach wood carvings and mouldings.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

4

Cover prepared frame

SAQA US ID	UNIT STANDARD TITLE		
117352	Cover prepared frame		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGB FURN	Regular	Level 3	16

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select tools and components for covering.

SPECIFIC OUTCOME 2Prepare **tools** and components for covering.**SPECIFIC OUTCOME 3**

Perform and complete covering operation.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

5

Identify and carry out repairs to finishing damage on products

SAQA US ID	UNIT STANDARD TITLE		
117353	Identify and carry out repairs to finishing damage on products		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	(Level 3)	12

Specific Outcomes:

SPECIFIC OUTCOME 1

Identify nature of damage.

SPECIFIC OUTCOME 2

Determine repair requirement.

SPECIFIC OUTCOME 3

Carry out repairs and touch ups.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

6

Lay veneers and hand fit inlays

SAQA US ID		UNIT STANDARD TITLE	
117354		Lay veneers and hand fit inlays	
SGB NAME		(ABETBAND	(PROVIDERNAME
SGB Furniture		(Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		[Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	16

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select and prepare materials.

SPECIFIC OUTCOME 2

Select and prepare equipment and tools.

SPECIFIC OUTCOME 3

Select and prepare adhesives.

SPECIFIC OUTCOME 4

Lay veneers.

SPECIFIC OUTCOME 5

Fit inlays.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

7

Machine sew covers for upholstered items

SAQA US ID	UNIT STANDARD TITLE		
117356	Machine sew covers for upholstered items		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing,Engineeringand Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	30

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select materials and equipment.

SPECIFIC OUTCOME 2

Prepare equipment and components.

SPECIFIC OUTCOME 3

Sew seams and assemble covers.

SPECIFIC OUTCOME 4

Attach ancillary items.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

8

Make and maintain jigs and templates

SAQA US ID	UNIT STANDARD TITLE		
117358	Make and maintain jigs and templates		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGB FURN	Regular	Level 3	6

Specific Outcomes:**SPECIFIC OUTCOME 1**

Make jigs and templates.

SPECIFIC OUTCOME 2

Repair jigs and templates.

SPECIFIC OUTCOME 3

Modify jigs and templates.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

9

Perform wood finishing operations using airless and air mix spraying equipment

SAQA US ID	UNIT STANDARD TITLE		
117366	Perform wood finishing operations using airless and air mix spraying equipment		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGBFURN	Regular	Level 3	22

Specific Outcomes:

SPECIFIC OUTCOME 1

Select and prepare materials for spraying.

SPECIFIC OUTCOME 2

Select and prepare equipment for spraying.

SPECIFIC OUTCOME 3

Apply stains by spraying.

SPECIFIC OUTCOME 4

Apply sealers, primers, clear and pigmented finishing coats.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

10

Prepare buttons and deep button furniture items

SAQA US ID	UNIT STANDARD TITLE		
417372	Prepare buttons and deep button furniture items		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	(Level 3)	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select equipment, tools and materials.

SPECIFIC OUTCOME 2

Assemble buttons.

SPECIFIC OUTCOME 3

Carry out deep buttoning.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

11

Prepare veneers

SAQA US ID	UNIT STANDARD TITLE		
117376	Prepare veneers		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	6

Specific Outcomes:**SPECIFIC OUTCOME 1**

Plan veneers.

SPECIFIC OUTCOME 2

Cut veneers.

SPECIFIC OUTCOME 3

Joint and join veneers.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

12

Produce bored timber and board product components and products

SAQA US ID	UNIT STANDARD TITLE		
117384	Produce bored timber and board product components and products		
SGB NAME	(ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	(UNIT STANDARD TYPE	(NQF LEVEL	(CREDITS
MET-MNA-0-SGB FURN	(Regular	(Level 3	16

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select and prepare materials for boring product components and products.

SPECIFIC OUTCOME 2

Prepare and set machines to produce bored product components and products.

SPECIFIC OUTCOME 3

Machine materials to form bored components or products.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

13

Produce curved laminated timber and board components

SAQA US ID		UNIT STANDARD TITLE	
117385		(Produce curved laminated timber and board components)	
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	(NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	8

Specific Outcomes:

SPECIFIC OUTCOME 1

Select equipment, tools and materials.

SPECIFIC OUTCOME 2

Prepare equipment and tools.

SPECIFIC OUTCOME 3

Produce formers.

SPECIFIC OUTCOME 4

Prepare materials and surfaces.

SPECIFIC OUTCOME 5

Select, prepare and apply adhesives.

SPECIFIC OUTCOME 6

Carry out laminating processes.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

14

Produce edge banded components and products

SAQA US ID	UNIT STANDARD TITLE		
117387	Produce edge banded components and products		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	8

Specific Outcomes:**SPECIFIC OUTCOME 1**

Prepare for edge banding operations.

SPECIFIC OUTCOME 2

Prepare adhesives for edge banding.

SPECIFIC OUTCOME 3

Edge band components and products.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

15

Produce jointed timber and composite board product components and products

SAQA US ID		UNIT STANDARD TITLE	
117386		Produce jointed timber and composite board product components and products	
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGBFURN.	Regular	Level 3	16

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select and prepare materials for production of jointed timber and board product components and products..

SPECIFIC OUTCOME 2

Prepare and set machines to produce jointed timber and board product components and products.

SPECIFIC OUTCOME 3

Machine materials to form jointed components or products.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

16

Produce modern carcasses, doors and drawers

SAQA US ID	UNIT STANDARD TITLE		
117396	Produce modern carcasses, doors and drawers		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	22

Specific Outcomes: _____**SPECIFIC OUTCOME 1**

Prepare equipment, tools and workstation.

SPECIFIC OUTCOME 2

Select and prepare materials.

SPECIFIC OUTCOME 3

Cut, shape and mould components.

SPECIFIC OUTCOME 4

Cut and prepare joints.

SPECIFIC OUTCOME 5

Select and prepare adhesives,

SPECIFIC OUTCOME 6

Assemble components.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

17

Produce profiled timber and board product components and products

SAQA US ID		UNIT STANDARD TITLE	
117388		Produce profiled timber and board product components and products	
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 3	16

Specific Outcomes:

SPECIFIC OUTCOME 1

Select and prepare materials for machining of profiled timber and board product components and products.

SPECIFIC OUTCOME 2

Prepare and set machines to produce profiled timber and board product components and products.

SPECIFIC OUTCOME 3

Machine materials to form profiled timber and composite board components or products.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

18

Produce turned timber components and products

SAQA US ID (UNIT STANDARD TITLE)			
117389	Produce turned timber components and products		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-Q-SGB FURN	Regular	Level 3	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Select and prepare materials for turning.

SPECIFIC OUTCOME 2

Prepare and set machines to turn timber product components and products.

SPECIFIC OUTCOME 3

Modify materials to form turned components and products.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

QUALIFICATION:

FETC: Furniture Making: Specialism

SAQA QUAL ID	QUALIFICATION TITLE	
49092	FETC: Furniture Making: Specialism	
SGB NAME	SGB Furniture	
ABET BAND	PROVIDER NAME	
Undefined		
QUALIFICATION CODE	QUAL TYPE	SUBFIELD
MET-4-National Certificate	National Certificate	Manufacturing and Assembly
MINIMUM CREDITS	NQF LEVEL	QUALIFICATION CLASS
166	Level 4	Regular-Unit Stds Based
SAQA DECISION NUMBER	REGISTRATION START DATE	REGISTRATION END DATE

PURPOSE OF THE QUALIFICATION

The purpose of the qualification is to provide learners and education and training providers with the standards required to satisfy the challenges of participating effectively in the furniture manufacturing industry. Typical learners will be workers in the furniture industry.

The qualification will be useful to both new entrants into the industry, and existing workers in the sector.

For those who have been in the workplace for a long time, this qualification can be used in the recognition of prior learning process to assess and recognise workplace skills acquired without the benefit of formal education and training.

For the new entrant, this qualification describes the learning outcomes required to effectively participate in a structured workplace.

For education and training providers, this qualification provides guidance for the development of appropriate learning programmes and assessment documentation.

For employers, this qualification enables skills gaps to be identified and addressed ensuring that productivity levels are increased and business objectives achieved.

This qualification has been developed to assist with standardisation across the furniture industry. This will allow persons to achieve recognition for both their technical and supervisory skills, and lay a foundation for future career advancement across similar trades and to supervisory and management qualifications within the sector.

The combination of learning outcomes that comprise this qualification will provide the qualifying learner with vocational knowledge and skills appropriate to the context of furniture manufacturing. It will also provide the learning platform for development in the area of supervision and management, and progress into higher education and training.

The learner will have an understanding of the furniture industry and how he or she should operate within the legislative, safety and quality systems which govern the workplace. It will **also** equip learners with a foundation for further intellectual development, opportunities for gainful employment and reward for contributions to society.

The qualifying learner will be able to:

- > Identify and solve problems in the scheduling, monitoring and maintenance of furniture production.
- > Work effectively with others to build and motivate a productive and effective team.
- > Organise and manage him/herself and his/her activities responsibly and effectively to ensure work is

carried out according to quality and performance requirements, without compromising safety for self and colleagues.

> Communicate effectively using visual, language skills when dealing with colleagues, subordinates and senior managers.

> Collect, organise, analyse and evaluate information when maintaining production to ensure the most effective use of resources, human and material

> Use science and technology effectively and critically, showing responsibility towards the environment and health of others when carrying out work functions.

> Understand the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation, that when producing design and production specifications the impact of decisions on all parts of the production cycle is taken into account.

Typical job roles and purpose

Job Role:

> Sample maker/supervisor

Purpose:

> Specialised production.

> Supervision of production

Key Work Areas

> Design and production of prototypes

> Production scheduling and monitoring

> Programming and operation of CNC machinery

> Repairs

The relation between this Qualification and the principles of the NQF is indicated in the following table:

NQF Principle-National Certificate in Furniture Making

> Recognition of Prior learning-Allows for Recognition of Prior Learning, especially as a means of career advancement

> Credibility-Learning Outcomes are a result of consensus by the industry

> Relevance-Consulting workshops indicated a demand for unit standard based qualifications in Furniture Manufacturing

> Access-Removes traditional barriers to qualifications traditionally seen as supervisory

> Articulation/Progression-Forms part of a learning pathway for Furniture Makers, spanning NQF levels 1 - 4, and provides a platform for advancement into higher education.

Rationale of the qualification

In the past the career path for practitioners within the furniture manufacturing industry consisted solely of the 'tradesman' or 'artisan' qualification, equivalent to level 3 on the NQF. No opportunities for advancement existed for those skilled people who wished to further their training but did not have either the desire or the academic attributes to move into higher education. The introduction of a National Certificate in Furniture Making at level 4 will allow learners to reach their full potential of advancement without their valuable skills being lost to the production environment. It will also provide a 'bridge' between the traditional artisan qualification and higher education and training for those learners who wish to pursue that route.

The FIETA sector skills plan indicates a definite need for supervisory personnel who are also fully skilled tradesmen in all areas of the furniture making industry.

The National Certificate in Furniture Making reflects the skills, knowledge and understanding required to participate effectively in the furniture industry, whether in micro, small, medium or large operations.

The competencies contained in this Qualification are essential for social and economic transformation, empowerment and upliftment within the furniture manufacturing environment, whilst simultaneously improving the skills base of the country.

The learning pathway for Furniture Makers in the furniture industry consists of the following qualifications:

> NQF level 1 National Certificate (GETC): Manufacturing, Engineering and Related Activities

- > NQF level 2 National Certificate in Furniture Making (Wood)
- > NQF level 3 National Certificate in Furniture Making (Wood)
- > NQF level 4 National certificate in Furniture Making (Specialism)

RECOGNIZE PREVIOUS LEARNING?

Y

LEARNING ASSUMED TO BE IN PLACE

It is assumed that a learner entering a programme leading to this qualification has successfully completed the National Certificate in Furniture Making at NQF level 3, or has demonstrated equivalent competence.

Recognition of Prior Learning:

The qualification may be obtained in whole or in part through the process of Recognition of Prior Learning. Learners who meet the requirements of any unit standard in this qualification may apply for recognition of prior learning to the Forestry Industries Education and Training Authority (FIETA), and will be assessed against the assessment criteria and specific outcomes for the relevant unit standards.

QUALIFICATION RULES

The qualification is composed of Fundamental, Core and Elective learning components:

Fundamental:-61
Core-98
Elective-6 minimum

Credit total: Minimum of 166 credits

In order to be awarded the qualification, the learner has to prove competence in all of the Fundamental and Core standards. In order to comply with FET Policy, the language component of the fundamental standards must be achieved in two languages - 20 credits in one language at level 3 and 20 credits in a different language at level 4. Candidates must achieve the Elective Unit Standards related to their chosen specialism, and may choose to undertake either or both or neither of the optional Elective Unit Standards.

Additional Elective Unit Standards could be added to the qualification over time.

EXIT LEVEL OUTCOMES

1. Identify and solve problems in the scheduling, monitoring and maintenance of furniture production
2. Work effectively with others to build and motivate a productive and effective team
3. Organise and manage him/herself and his/her activities responsibly and effectively to ensure work is carried out according to quality and performance requirements, without compromising safety for self and colleagues
4. Communicate effectively using visual, language skills when dealing with colleagues, subordinates and senior managers
5. Collect, organise, analyse and evaluate information when maintaining production to ensure the most effective use of resources, human and material
6. Use science and technology effectively and critically, showing responsibility towards the environment and health of others when carrying out work functions
7. Understand the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation, that when producing design and production specifications the impact of decisions on all parts of the production cycle is taken into account

ASSOCIATED ASSESSMENT CRITERIA

1.
Problems are identified and diagnosed promptly, impact on operations is evaluated and implementation of chosen solution restores operating conditions safely and effectively
2.
Production, housekeeping and maintenance requirements and routines are communicated to relevant personnel and carried out according to organisational and legal requirements
3.
Health and Safety and preventive measures in area of responsibility are promoted and monitored, and staff members are coached to ensure understanding of issues

4.

All communications with colleagues and managers are conducted in a manner which promotes understanding, goodwill and trust

5.

Work schedules and production specifications are drawn up according to organisational requirements, to provide optimum production within given constraints.

6.

Machinery is prepared, set up, tested and operated correctly, in accordance with all relevant health and safety and organisational requirements.

7.

Designs and specifications are developed with due consideration for needs of target user, available resources and limitations, and cost effectiveness

Integrated Assessment:

Formative assessments conducted during the learning process will consist primarily of demonstrations, written tests and assignments and a number of self-assessments. The purpose of formative assessment is to diagnose learner strengths and weaknesses and to determine readiness for summative assessment.

Summative assessment would consist of written tests and accompanying assignments, case studies and practical demonstrations. Summative assessments would only be conducted once the learner has indicated that he/she is ready to undergo summative assessment.

Before qualifying, learners will be expected to demonstrate competence in a practical situation that integrates the assessment of all specific outcomes, for all unit standards.

Integrated assessment provides learners with an opportunity to display an ability to integrate practical performance, actions, concepts and theory across unit standards to achieve competence in relation to the purpose of this qualification.

In particular assessors should check that the learner is able to demonstrate the ability to consider a range of options and make decisions about:

- > The quality of the observed practical performance as well as the theory and underpinning knowledge behind it.
- > The different methods that can be used by the learner to display thinking and decision making in the demonstration of practical performance.
- > Reflexive competencies

INTERNATIONAL COMPARABILIN

1. New Zealand Qualification Board

There is no single qualification that is comparable to this qualification. There are aspects of the National Certificate in Upholstery, level 4, the National Certificate in Finishing, level 4, the National Certificate in Furniture Making, level 4, and the National Diploma in Furniture (Supervision) at level 5, that are comparable to this qualification. However, the flexible design of the New Zealand qualifications allows a candidate to include a large number of supervisory or production management units in the qualification, while retaining the skills of their chosen trade. This is very similar to the approach adopted by the South African qualification.

2. Australian National Qualifications Framework

The Technical and Further Education Authority (TAFE), New South Wales **was** also used as a resource for international benchmarking. TAFE provides nationally accredited training. As with the New Zealand qualifications, there is no directly comparable qualification. However, the wide range of unit standards available to choose from for the level 3 Certificate in any of the furniture manufacturing disciplines allows the learner to develop both their technical skills and their supervisory abilities at this level.

3. United Kingdom NVQ

There is no comparable qualification on the UK NVQ. While aspects of both the Level 2 Progression Award in Furniture and the level 2 NVQ 'Making and Installing Furniture' contain aspects of the technical side of the South African qualification, the supervisory units must be sourced from elsewhere.

ARTICULATION OPTIONS

This qualification has been developed for mobility both across similar trades within the furniture industry, and to provide access to higher education and training and possible supervisory and management positions.

The design of the qualification allows horizontal articulation between the furniture manufacturing trades of Wood Machining, Cabinet Making, Furniture Finishing and Furniture Upholstery.

MODERATION OPTIONS

Assessment of learner achievements takes place at providers accredited by FIETA (RSA, 1998b) for the provision of programmes that result in the outcomes specified for the National Certificate in Furniture Making, NQF level 4. FIETA, or other ETQAs that have a Memorandum of Understanding in place with relevant ETQA, is responsible for the moderation of learner achievements of learners who meet the requirements of this qualification.

Anyone assessing a learner or moderating the assessment of a learner against this qualification must be registered as an assessor with the relevant ETQA. Any institution offering learning that will enable the achievement of this Qualification must be accredited as a provider with the relevant ETQA.

Assessment and moderation of assessment will be overseen by the relevant ETQA according to the ETQA's policies and guidelines for assessment and moderation; in terms of agreements reached around assessment and moderation between ETQA's and in terms of the moderation guideline detailed immediately below.

Moderation must include both internal and external moderation of assessments at exit points of the qualification, unless ETQA policies specify otherwise. Moderation should also encompass achievement of the competence described both in individual unit standards as well as the integrated competence described in the qualification.

Anyone wishing to be assessed against this qualification may apply to be assessed by any assessment agency, assessor or provider institution, which is accredited by the relevant ETQA.

CRITERIA FOR THE REGISTRATION OF ASSESSORS

For an applicant to register as an assessor, the applicant needs:

- > A recognised assessor qualification;
- > Compliance with FIETA's requirements for assessor registration.
- > This qualification or equivalent competence.
- > A minimum of three years' experience in the field of Furniture Making.

NOTES

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UNIT STANDARDS

(Note: A blank space after this line means that the qualification is not based on Unit Standards.)

	UNIT STANDARD ID AND TITLE	LEVEL	CREDITS	STATUS
core	13224 Monitor the application of safety, health and environmental protection procedures	Level 4	4	Registered
Core	14473 Develop and produce computer aided drawings	Level 4	4	Registered
core	114215 Mentor a colleague to enhance the individual's knowledge, skills, values and attitudes in a selected career path	Level 4	3	Registered
core	117166 Use CNC machinery in the furniture production process	Level 4	10	Draft - Prep for P Comment
core	117169 Produce basic furniture prototypes	Level 4	16	Draft - Prep for P Comment
Core	117174 Contribute to the provision of a productive working environment	Level 4	12	Draft - Prep for P Comment

core	117180 Contribute to the furniture production process	Level 4	16	Draft - Prep for P Comment
core	117191 Produce furniture design specifications	Level 4	20	Draft - Prep for P Comment
Elective	117167 Produce furniture design finishing specifications	Level 4	20	Draft - Prep for P Comment
Elective	117170 Carry out upholstery repairs to damaged furniture	Level 4	6	Draft - Prep for P Comment
Elective	117175 Carry out assembly repairs to damaged furniture	Level 4	6	Draft - Prep for P Comment
Elective	117176 Prepare equipment and machines for production	Level 4	6	Draft - Prep for P Comment
Elective	117190 Provide cutting lay requirements for upholstery fabrics	Level 4	6	Draft - Prep for P Comment
Elective	7978 Plan and conduct assessment of learning outcomes	Level 5	15	Reregistered
Fundamental	7568 Demonstrate knowledge of and produce word processing documents using basic functions	Level 2	3	Reregistered
Fundamental	7456 Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	Level 3	2	Registered
Fundamental	8968 Accommodate audience and context needs in oral communication	Level 3	5	Registered
Fundamental	8969 Interpret and use information from texts	Level 3	5	Registered
Fundamental	8970 Write texts for a range of communicative contexts	Level 3	5	Registered
Fundamental	8973 Use language and communication in occupational learning programmes	Level 3	5	Registered
Fundamental	9012 Investigate life and work related problems using data and probabilities	Level 3	5	Registered
Fundamental	114978 Use a word processing package to produce business documents	Level 3	3	Registered
Fundamental	114984 Manage electronic mail in a business environment	Level 3	2	Registered
Fundamental	8974 Engage in sustained oral communication and evaluate spoken texts	Level 4	5	Registered
Fundamental	8975 Read analyse and respond to a variety of texts	Level 4	5	Registered
Fundamental	8976 Write for a wide range of contexts	Level 4	5	Registered
Fundamental	8979 Use language and communication in occupational learning programmes	Level 4	5	Registered



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

1

Contribute to the furniture production process

SAQA US ID	UNIT STANDARD TITLE		
117180	Contribute to the furniture production process		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	16

Specific Outcomes:

SPECIFIC OUTCOME 1

Contribute to production scheduling.

SPECIFIC OUTCOME 2

Monitor and maintain production.

SPECIFIC OUTCOME 3

Identify and diagnose problems.

SPECIFIC OUTCOME 4

Select and implement solutions to problems.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

2

Contribute to the provision of a productive working environment

SAQA US ID	UNIT STANDARD TITLE		
117174	Contributeto the provision of a productive working environment		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	12

Specific Outcomes:**SPECIFIC OUTCOME 1**

Develop and maintain productive relationships.

SPECIFIC OUTCOME 2

Contribute to the development of self and others.

SPECIFIC OUTCOME 3

Obtain and provide information.

SPECIFIC OUTCOME 4

Maintain good housekeeping routines.

SPECIFIC OUTCOME 5

Maintain equipment and tool functioning.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

3

Produce basic furniture prototypes

SAQA US ID	UNIT STANDARD TITLE		
117169	Produce basic furniture prototypes		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	16

Specific Outcomes:**SPECIFIC OUTCOME 1**

Provide design and prototype ideas.

SPECIFIC OUTCOME 2

Develop and adapt design

SPECIFIC OUTCOME 3

Carry out and evaluate prototype adaptations.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

4

Produce furniture design specifications

SAQA US ID	UNIT STANDARD TITLE		
117191	Produce furniture design specifications		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	(20

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify design requirements.

SPECIFIC OUTCOME 2

Identify specifications and production requirements.

SPECIFIC OUTCOME 3

Prepare and produce furniture specifications.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

5

Use CNC machinery in the furniture production process

SAQA US ID	UNIT STANDARD TITLE		
117166	Use CNC machinery in the furniture production process		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	10

Specific Outcomes:**SPECIFIC OUTCOME 1**

Prepare machinery and materials.

SPECIFIC OUTCOME 2

Set up machinery.

SPECIFIC OUTCOME 3

Operate machinery.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

6

Carry out assembly repairs to damaged furniture

SAQA US ID	UNIT STANDARD TITLE		
117175	(Carryout assembly repairs to damaged furniture)		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	6

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify nature of damage.

SPECIFIC OUTCOME 2

Determine repair requirements.

SPECIFIC OUTCOME 3

Carry out assembly repairs.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

7

Carry out upholstery repairs to **damaged** furniture

SAQA US ID	UNIT STANDARD TITLE		
117170	Carry out upholstery repairs to damaged furniture		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-O-SGBFURN	Regular	Level 4	6

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify nature of damage.

SPECIFIC OUTCOME 2

Determine repair requirements.

SPECIFIC OUTCOME 3

Carry out repairs.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

8

Prepare equipment and machines for production

SAQA US ID	UNIT STANDARD TITLE		
117176	Prepare equipment and machines for production		
SGB NAME	ABET BAND	PROVIDER NAME	
SGB Furniture	Undefined		
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	6

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify and prepare machine requirements.

SPECIFIC OUTCOME 2

Set machines and equipment.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

9

Produce furniture design finishing specifications

SAQA US ID		UNIT STANDARD TITLE	
1117167		(Produce furniture design finishing specifications)	
SGB NAME		ABET BAND	(PROVIDER NAME)
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	(20

Specific Outcomes:**SPECIFIC OUTCOME 1**

Identify finish requirements.

SPECIFIC OUTCOME 2

Identify finishing specifications and production requirements.

SPECIFIC OUTCOME 3

Prepare and produce finishing specifications.



SOUTH AFRICAN QUALIFICATIONS AUTHORITY

UNIT STANDARD:

10

Provide cutting lay requirements for upholstery fabrics

SAQA US ID	UNIT STANDARD TITLE		
117190	Provide cutting lay requirements for upholstery fabrics		
SGB NAME		ABET BAND	PROVIDER NAME
SGB Furniture		Undefined	
FIELD DESCRIPTION		SUBFIELD DESCRIPTION	
Manufacturing, Engineering and Technology		Manufacturing and Assembly	
UNIT STANDARD CODE	UNIT STANDARD TYPE	NQF LEVEL	CREDITS
MET-MNA-0-SGB FURN	Regular	Level 4	6

Specific Outcomes:**SPECIFIC OUTCOME 1**

Produce cutting patterns and templates.

SPECIFIC OUTCOME 2

Maintain cutting patterns and templates.

SPECIFIC OUTCOME 3

Plan and develop cutting lay.