





THE REPUBLIC OF UGANDA Ministry of Education and Sports

Directorate of Industrial Training



Assessment and Training Package For a MIXED MEDIA ARTIST

Qualification Level: 1

Occupational Cluster: Art and Design

December 2020

<u>Developed by:</u> Directorate of Industrial Training Qualifications Standards Department Funded by: Government of Uganda



Assessment and Training Package

For a

MIXED MEDIA ARTIST

Qualification Level: 1

Occupational Cluster: Art and Design

Directorate of Industrial Training Plot 97/99 Jinja Road/ Corner 3rd Street, P.O Box 20050, Lugogo, Kampala, Uganda Tel: +256 414 253 704; +256 312 279 344 E-mail: <u>uvqf.dit@gmail.com</u> Web: www.dituganda.org

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- (a) To identify the needs of the labour market for occupational competencies that fall under the UVQF.
- (b) To regulate apprenticeship schemes.
- (c) To foster and promote entrepreneurial values and skills, as an integral part of the UVQF.
- (d) To secure adequate and sustainable financing for the efficient operations of the Directorate.
- (e) To accredit training institutions or companies as assessment centres.
- (f) To determine fees payable under the Act.
- (g) To develop, apply, expand and improve the purposeful application of Uganda vocational qualifications defined in the UVQF.
- (h) To assess and award Uganda Vocational Qualifications.
- (i) To promote on-the-job training in industry for apprenticeship, traineeship and indenture training and for other training such as further skills training and upgrading.
- (j) To prescribe the procedure for the making of training schemes.

Further to the above provisions, there is an established Uganda Vocational Qualifications Framework (UVQF), under part V of the BTVET Act, 2008. It is stated that:

The purpose of the UVQF is to;

- (a) Define occupational standards in the world of work.
- (b) Define assessment standards.
- (c) Award vocational qualifications of learners who meet the set standards of different studies.
- (d) Provide guidelines for modular training.

The UVQF shall follow principles of Competence Based Education and Training (CBET) which include:

- (a) Flexible training or learning modules.
- (b) Positive assessment and certification.
- (c) Assessment of prior learning.
- (d) Recognition of formal and non-formal training.
- (e) Self-paced or individual learning.
- (f) Work place learning.

For award and recognition of certificates, the BTVET Act, 2008 provides that:

- (1) The Directorate and other examination boards established under the Act shall award certificates and diplomas for Business, Technical or Vocational Education and Training under the UVQF.
- (2) The Certificates and Diplomas to be awarded shall be in the form prescribed by the Minister on the recommendation of the Industrial Training Council.
- (3) The Certificates and Diplomas awarded under the Act shall be recognised in the Uganda education system and by the labour market.

Under the TVET Implementation Standards 2020, the proposed new mandate of the Directorate of Industrial Training shall be restricted to promoting the highest standards in the quality and efficiency of industrial training in the country and ensuring an adequate supply of properly trained manpower at all levels in the industry and the world of work.

The functions shall include:

- (a) Regulating Industrial Training and Trainers.
- (b) Developing Industrial Training Curricula.
- (c) Harmonising Curricula and Certificates of competence.
- (d) Assessing Industrial Training.
- (e) Development of Occupational Standards and Assessment and Training Packages (ATPs) for Trade Testing for the industry and world of work.
- (f) Awarding certificates in that respect.

At operational level in the Directorate, the Qualification Standards Department performs development tasks related to concepts, procedures and instruments for establishment of the UVQF in close collaboration with both public and private stakeholders in vocational training.

In particular, the Department organises and coordinates the development of Assessment and Training Packages for use in competence-based vocational training as well as standards-based assessment and certification.

The Directorate has therefore produced this Assessment and Training Package for use in implementing Competence-Based Education and Training mechanisms.

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Word from Permanent Secretary

The Kajubi Report (1989) and the Uganda Government White Paper on Education Review (1992) emphasised that the Uganda Secondary School Education should be vocationalised.

The World Bank Report on education in Uganda 2007 observed that although Uganda was experiencing steady economic growth on one hand, the secondary education curriculum was inadequately addressing the social and economic needs of the country on the other. The Report further noted that it is not the very top academic cadres that contribute most to the growth of the GDP but rather the competent middle level technicians that are flexible and technologically literate that the economy needs in the labour market at all levels.

Correspondingly, the NDP III 2020/21- 2024/5 highlights (i) low labour productivity (ii) high youth unemployment (38%) (iii) low transition rates from training to employment (35%) as some of the key challenges to Human Capital Development in Uganda.

In order to overcome these challenges, NDP III 2020/21- 2024/5, under objective 2 peaks the need to train the learners for the urgently needed skills and mainstream a dual education and training system. This paved way for the development of the lower secondary school vocational curriculum which supports both academic and vocational training.

The afore is in line with the Uganda Vision 2040. Under section 261, it emphasises that learners will be accorded opportunities to excel in the skills areas they are placed into. These will range from sports and cut to technical and vocational training. Hitherto, section 262 clearly states that the entire education system will be changed to emphasise practical skills, attitude and moral values.

Government of Uganda through the Ministry of Education and Sports rolled out the New Lower Secondary Curriculum in secondary schools countrywide during the first term of the academic year 2020. The overall goal of this curriculum is to produce graduates with employable skills and who are competitive in the labour market. It should be emphasised that vocational training will produce graduates who are employable. In the New curriculum, emphasis will be on equipping learners with employable skills and competencies. This will enable learners perform the requisite duties of the specified occupations. This is the reason why the lower secondary school vocational curriculum was tailored to the assessment requirements of the world of work.

Reading from the Curriculum Framework page 12, it is stated that the learners will be assessed by DIT. Upon assessment and certification, the graduates will be employable and competitive in the labour market. It's against this background that DIT, within its mandate vested in the BTVET Act, 2008 comes on board to take the lead in the development of the requisite Assessment and Training Packages (ATPs) for the various occupations that will be assessed under the Lower Secondary Curriculum.

The ATPs can be used by any training provider and/or those who wish to present themselves for Occupational Assessment and Certification.

Herewith, the Directorate of Industrial Training presents the Assessment and Training Package for training, assessment and certification of a **MIXED MEDIA ARTIST QUALIFICATION LEVEL 1.**

Finally, I thank all individuals, organisations and review partners who have contributed and/or participated in the review of this noble document.

Alex Kakooza Permanent Secretary

Executive Summary

This Assessment and Training Package is a Competence-Based Education and Training (CBET) tool and consists of three major parts:

- 0.1 **PART I: The Occupational Profile (OP) of a MIXED MEDIA ARTIST.** This Occupational Profile which was reviewed by Mixed Media Artists practicing in the world of work mirrors the duties and tasks that Mixed Media Artists are expected to perform.
- 0.2 **PART II: Training Modules** in the form of guidelines to train Mixed Media Artists both on the job as well as in training centres (or combinations of both venues of learning). The Training Modules herein have been reviewed basing on the Occupational Profile and hence are directly relevant for employment.
- 0.3 **PART III: Assessment Instruments** in the form of performance (Practical) and written (theory) test items that can and should be used to assess whether a person complies with the requirements of employment as a MIXED MEDIA ARTIST. These assessment instruments were reviewed jointly by job practitioners (Mixed Media Artists) and instructors based on the occupational profile and training modules.
- 0.4 While the Occupational Profile (OP) contained in PART I of this document provides the information on <u>WHAT a person is expected to do</u> competently in the world of work, the test items, including performance criteria- of PART III qualify the <u>HOW and/or HOW WELL a person must do the job</u>.
- 0.5 The modular format of the curriculum (PART II) allows learners to acquire job specific skills and knowledge (i.e. competencies) module by module. A single module can be accomplished within a relatively short duration allowing flexibility for learners to move directly into an entry level job, go for further modules or advance to higher levels of training. Modular courses allow more learners to access the training system because training centres as well as companies can accommodate more learners in a given period of time.
- 0.6 In addition to improved access, equity and relevance of BTVET, the UVQF will also enable people who are convinced to have acquired competencies laid down in this ATP through prior training and on-the-job experience to access assessment and certification directly; be it on the basis of a single module, a group of modules or all modules pertaining to the occupation at once. This achievement will facilitate Recognition of Prior Learning (RPL).

- 0.7 The parts of this Assessment and Training Package were sequentially reviewed as follows:
 - i Part 1: Occupational Profile: *August 2020*
 - ii Part 2: Training Modules: August 2020
 - iii Part 3: Assessment Instruments (initial bank): August 2020

This ATP (or parts of it) may be periodically revised to match the dynamic trends in the occupation and hence issued in different versions.

DIT takes responsibility of any shortcomings that might be identified in this publication and welcomes suggestions for effectively addressing the inadequacies. The suggestion can be communicated to DIT through P.O. Box 20050, Kampala or through email uvaf.dit@gmail.com.

Patrick Byakatonda Ag. Director

Acknowledgement

The Qualifications Standards Department of DIT acknowledges the valuable contributions to the review of this Assessment and Training Package by the following persons, Institutions and organisations:

- Members of the DIT Industrial Training Council.
- The Director and staff of DIT.
- Ministry of Education and Sports.
- The practitioners from the world of work.
- Teachers and instructors of mixed media art from various secondary schools.
- Art and Design Curriculum Specialists from NCDC.
- Examination specialists from UNEB.
- The facilitators involved in guiding the development panels in their activities.
- The Government of Uganda for financing the development of this ATP.

Abbreviations and Acronyms

A&C	Assessment and Certification
ATP	Assessment and Training Packages
BTVET	Business, Technical and Vocational Education and Training
CBET	Competency Based Education and Training
ITC	Industrial Training Council
GoU	Government of Uganda
LWA	Learning-Working Assignment
MC	Modular Curriculum
MoES	Ministry of Education and Sports
OP	Occupational Profile
PEX	Practical Exercise
PTI	Performance (Practical) Test Item
QS	Qualification Standards
RPL	Recognition of Prior Learning
TIB	Test Item Bank
TVET	Technical, Vocational Education and Training
UVQ	Uganda Vocational Qualification
UVQF	Uganda Vocational Qualifications Framework
WTI	Written (Theory) Test Item

Key Definitions

- Assessment Assessment is the means by which evidence is gathered and judged to decide if an individual has met the stipulated assessment standards or not. Testing is a form of formal assessment.
- **Certification** Certification is a formal procedure to issue a certificate (qualification) to an individual that has demonstrated during formal assessment that he/she is competent to perform the tasks specified in the occupational profile.
- **Competence** Integration of skills, knowledge, attitudes, attributes and expertise in doing /performing tasks in the world of work to a set standard.
- **Competency** (Occupational) competence is understood as the ability to perform tasks common to an occupation at an acceptable level.
- **CBET** Competence-based education and training means that programs:
 - 1. have content directly related to work
 - 2. focus is on 'doing something well'
 - 3. assessment is based upon industry work standards, and
 - 4. curricula are developed in modular form
- Duty A Duty describes a large area of work in performance terms. A duty serves as a title for a cluster of related Tasks (see also: TASK).
- Learning-
WorkingLWA are simulated or real job situations / assignments that are
suitable for learning in a training environment (e.g. "small
projects"). In a working environment LWAs are real work
situations /assignments.
- **Modules** Modules are part(s) of a curriculum. Modules can be considered as "self-contained" partial qualifications which are described by learning outcomes or competencies and which can be assessed and certified individually.
- OccupationalAn Occupational Profile is an overview of the duties and tasks aProfile (OP)job incumbent is expected to perform competently in
employment.

Occupational Profiles developed by practitioners from the world of work enhance the relevance of training and learning to the requirements of the world of work. Occupational Profiles define what a person is supposed to do in performance terms. It also contains generic information regarding related knowledge and skills, attitudes/behavior, tools, materials and equipment required to perform as well as trends/ concerns in the occupation.

Occupational profiles are the reference points for developing modular curricular and assessment standards

- **Qualification** A qualification is a formal recognition for demonstrating competence, based on formal assessment against set standards. A qualification is provided to the individual in form of a certificate specifying the nature of the competence.
- **Task** Job tasks represent the smallest unit of job activities with a meaningful outcome. Tasks result in a product, service, or decision. They represent an assignable unit of work and have a definite beginning and ending point. Tasks can be observed and measured. *(Also see: Duty)*

1.0 ATP-PART I

Occupational Profile for a MIXED MEDIA ARTIST

- 1.1 The OCCUPATIONAL PROFILE (OP) for "MIXED MEDIA ARTIST" below defines the **Duties** and **Tasks** a competent Mixed Media Artist is expected to perform in the world of work (on the job) in Uganda and the East African region today.
- 1.2 Since it reflects the skill requirements of work life, the Occupational Profile is the reference document for the subsequent development of training modules and assessment instruments (test items) which are directly relevant to employment in Ugandan and the East African businesses and industries.
- 1.3 To ensure that the Occupational Profile is relevant for employment in Uganda and East Africa, the DIT used the method of "occupational/job profiling.¹

This approach involves the brainstorming of a panel of 8 to 12 competent job practitioners guided by trained and experienced facilitators. During a two-day workshop the panelists define the duties and tasks performed in employment, as well as the prerequisite skills, knowledge, attitudes, tools and equipment, and the future trends and concerns in the occupation/job.

1.4 The panelists, facilitators and coordinators who participated in developing this Occupational Profile for MIXED MEDIA ARTIST are listed on the following page.

Expert Panel

Lutaya Mustafah Kibuli S.S

Nanyonga Hellen Kibuuka Kings College Buddo

Asaba Fred Trinity College Nabbingo

Mukasa Geoffrey London College

Ssembajjwe Tonny Standard High School

Kigozi Samuel Mt of Olives College

Wycliff Edwine Tusiime Kyambogo University-Bushenyi

Tayebwa Nicholas Gayaza Road S.S

Ntawu Robert MITA College

Yiga Ibrahim Namagabi S.S Kayunga

Bukenya Bridgetl Caltec Academy

Ruzibiza Zawedde Maureen Ntinda VTI

Co-ordinator Mukyaala Ruth Elizabeth Directorate of Industrial Training

Facilitators Nakisendo Fatuma Directorate of Industrial Training

Nalwanga Rebecca Directorate of Industrial Training

Funded by Government of Uganda



THE REPUBLIC OF UGANDA Ministry of Education and Sports

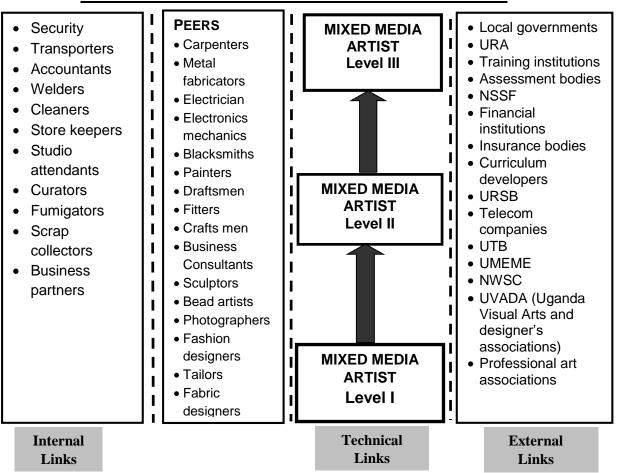
Directorate of Industrial Training

Occupational Profile For a "MIXED MEDIA ARTIST"

Developed by: Directorate of Industrial Training (Qualifications Standards)

Dates of workshop: 21st – 25th September 2020

NOMENCLATURE FOR THE OCCUPATION OF A MIXED MEDIA ARTIST Definition: A MIXED MEDIA ARTIST is a person who creatively uses various media to produce art works.



JOB ORGANISATION CHART FOR A MIXED MEDIA ARTIST

Descriptions for the levels in the occupation of 'Mixed Media Artist'

UVQ Level I Mixed media Artist:	Is a person who is able to explore various materials, tools, techniques and media to produce decorative artworks.
UVQ Level II Mixed media Artist:	Is a person who is able to explore and experiment with various materials, tools, techniques and media to produce functional and decorative artworks.
UVQ Level III Mixed media Artist:	Is a person who is able to explore, experiment and manipulate with various materials, tools, techniques and media to produce artworks.

Duties and Tasks

A. PLAN MIXED MEDIA WORKS	A1 Carry out feasibility study	A2 Determine location	A3 Prepare production plan	
	A4 Prepare procurement plan	A5 Determine labour requirements	A6 Prepare marketing plan	
	A7 Prepare financial plan		·	

B. ESTABLISH A MIXED MEDIA WORKSHOP	B1 Source funds	B2 Select site	B3 Secure site
WorkKonor	B4 Procure	B5 Set up studio	B6 Legalise mixed
	materials, tools		media business
	and equipment		

C. PREPARE MATERIALS	C1 Source materials	C2 Select materials	C3 Sort materials
	C4 Test materials	C5 Preserve materials	C6 Label materials
	C7 Store materials		

D. CREATE MIXED MEDIA ARTWORK	D1 Identify sources of Inspiration	D2 Make sketches	D3 Develop concept
ARTWORK	D4 Determine materials and tools	D5 Make mixed artwork	D6 Perform finishing
	D7 Test- run mixed artwork	D8 Store mixed media artwork	

E. MAINTAIN TOOLS, MATERIALS AND EQUIPMENT	E1 Prepare maintenance schedule	E2 Clean tools, materials and equipment	E3 Lubricate tools, materials and equipment
	E4 Repair tools, materials and equipment	E5 Revamp tools, materials and equipment	E6 Take stock

F. MARKET MIXED MEDIA ARTWORK	F1	Brand product	F2 Price product	F3 Exhibit product
	F4	Advertise product	F5 Prepare catalogue	F6 Promote product
	F7	Package product	F8 Offer after sale services	F9 Communicate with clients
	F9	Display product	F10 Sell product	

G. PERFORM ADMINISTRATIVE	G1 Recruit workers	G2 Orient workers	G3 Assign duties
TASKS	G4 Monitor performance	G5 Motivate workers	G6 Train workers
	G7 Conduct meetings	G8 Keep records	G9 Resolve conflict
	G10 Pay bills	G11 Perform corporate social responsibility	G12 Remunerate workers
	G13 Pursue continuous personal professional development		

H. PERFORM OCCUPATIONAL HEALTH, SAFETY	H1 Administer first aid	H2 Wear protective gear	H3 Perform firefighting
AND ENVIRONMENTAL PROTECTION	H4 Manage waste	H5 Display safety signs	H6 Maintain personal hygiene and sanitation
PRACTICES	H7 Sensitise workers on occupational hazards		

Additional Information

Rel	ated Knowledge & Skills		
1.	Elements and principles of Art and	18.	Human resource management
	Design		Soldering skills
2	Skills of selecting proper tools		Financial literacy
			ICT skills
	Resource mobilisation		
4.	Grinding skill	22.	Record keeping skills
5.	Interpreting technical information	23.	Marketing skills
	Colour mixing techniques		Research skills
	Bolting		Numeracy skills
	Drawing skills		Analytical skills
	Communication skills		Finishing skills
10.	Folding techniques	28.	Presentation skills
11.	Chiselling skills	29.	Hazard analysis
	Customer handling		Rules, regulations and policies
	Material preparation		Maintenance
	Usage of tools and materials		First aid administration
-	Forms of mixed art works		Storage
16.	Preservation techniques	34.	Labelling
17.	Testing techniques	35.	Waste management
	•		
	terials, Tools and Equipment		
1.	Surface	28.	Rubber
2.	Paper	29.	Chisel
	Adhesive material	30.	Cutters
	Clay		Geometrical tools
	Water		Pallets
	Wood		Hammers
7.	Cement	34.	Filer
8.	Fabric	35.	Tweezer
9.	Sow dust	36.	An awl
	Seeds		Needles
	Fibbers		Brushes
	Beads		Mallets
	Assorted paints		Panga
14.	Metal	41.	Axe
15	Plastic	42.	Hoe
	Glass		Knife
	. Yarns		Blades
	Wires		Scissors
	Pebbles		Computer
20.	. Stones	47.	Projector
21.	Shells	48.	Phones
	Bones	-	Drills
			Grinders
	Bottle Tops		
	Hair		Sanding machine
25.	. Feathers		Engravers
26.	. Pencil	53.	Electric motors
27	. Bolting equipment		
	3 1 1 1 1		

Att	Attitudes / Traits / Behaviour		ure Trends and Concerns
1.	Friendly	1.	Provide relevant training
2.	Committed	2.	Integrate computer training related
3.	Team spirit		to Art and Design
4.	Calm	3.	Price fluctuation
5.	Decent	4.	Quality production
6.	Customer care	5.	Market trends
7.	Self-motivated	6.	Continuous professional
8.	Faithful and		development
9.	Trustworthy	7.	High industrial demands
10.	Teachable	8.	Need for value addition
11.	Analytical	9.	Inadequate equipment
12.	Cooperative	10.	Inadequate infrastructure
13.	Listener	11.	Lack of awareness
14.	Honest	12.	Public private partnership
15.	Social	13.	Workers insurance
16.	Strategic	14.	Involve industrial sectors
17.	Committed	15.	Technological advancement
18.	Resourceful	16.	Competition
19.	Team player	17.	Need for galleries
20.	Flexibility		
21.	Tolerant		
22.	Result oriented		
23.	Optimistic		
24.	Practical		
25.	Integrity		
26.	Creative and innovative		

2.0 ATP – PART II

Training Modules for a MIXED MEDIA ARTIST

- 2.1 A curriculum is a "guide /plan for teaching and learning" which provides a guide to teachers, instructors and learners. In the envisaged system of competence-based or outcome-oriented education and training (CBET), Curricula are no longer the benchmark against which assessment is conducted. It is rather the Occupational Profile that provides the benchmark for Curriculum development as well as assessment.
- 2.2 This modular format of the curriculum allows learners of MIXED MEDIA ARTIST Occupation to acquire job specific skills and knowledge (i.e. competencies) module by module. A single module can be accomplished within a relatively short duration allowing learners to move directly into an entry level job, do further modules and advance to higher levels of training. Modular courses allow more learners to access the training system because training centers, as well as companies can accommodate more learners in a given period of time.
- 2.3 The modules were developed jointly by both instructors and job practitioners. They were developed using the Occupational Profile as a reference point and taking into account the specifications of training and learning outcomes.
- 2.4 The modules contain "Learning-Working Assignments" (LWAs) and related "Practical Exercises" (PEXs) as key elements.

LWAs are simulated or real job situations/assignments that are suitable for learning in a training environment (e.g. "small projects"). In a working environment, LWAs are real work situations.

PEXs are therefore sub-sets of a LWA.

2.5 In principle, and following the philosophy of Competence-Based Education and Training (CBET), the modules can be used as a guide for learning in a training Centre, at the workplace; or a combination of both.

UVQF LEVELS 1-3 QUALIFICATION DESCRIPTORS

In the Uganda Vocational Qualifications Framework, persons with qualifications **Levels 1, 2 and 3** are understood as **IMPLEMENTERS** in an occupation.

Level 1 Qualification shall mean that the individual is a Semi-skilled Implementer;

Level 2 Qualification shall mean that the individual is a Skilled Implementer;

Level 3 Qualification shall mean that the individual is **Highly Skilled Implementer** (Working Supervisor)

The qualification descriptors for Levels 1-3 are described as follows:

	Dimension of qualification	Level 1: Descriptor	Level 2: Descriptor	Level 3: Descriptor
1.	Scope of work (duties and tasks)	Narrow range	Moderate range	Broad range
2.	Work environment and context	Uniform	Some variety	Variety
3.	Complexity of tasks (work sequence)	Simple	Sometimes complex	Complex
4.	Predictability of tasks	Routine tasks	Non-routine tasks	Occasionally unpredictable
5.	Team work	Usually works in a team	Works in a team with some autonomy	Works with teams
6.	Leadership	None	Intermediate Supervisor of subordinates	Supervisor of subordinates
7.	Autonomy (Supervision)	Under direct supervision	Under supervision by superiors	Some autonomy but checked on results by superiors

WHO IS A MIXED MEDIA ARTIST QUALIFICATION LEVEL I?

A **Mixed Media Artist Level I** is a person who is able to explore various materials, tools, techniques and media to produce decorative art works.

Cada		Average duration	
Code	Module Title	Contact hours	Weeks
UE/MA/M1.1	Create Mixed Media Artwork	720	15
UE/MA/M1.2	Establish Mixed Media Workshop	80	2
UE/MA/M1.3	Manage a Mixed Media Workshop	80	2
TOTAL	3 Training modules	400 Hours	19 weeks

TRAINING MODULES FOR A MIXED MEDIA ARTIST UVQ LEVEL I

Note: Average duration is contact time but NOT calendar duration It is assumed that:

- 1 day is equivalent to 8 hours of nominal learning and
- 1 month is equivalent to 160 hours of nominal learning.

Information given on the average duration of training should be understood as a guideline. Quick learners may need less time than indicated or vice versa.

At completion of a module, the learner should be able to satisfactorily perform the included Learning Working Assignments, their Practical Exercises and attached theoretical instruction, as the minimum exposure.

Prior to summative assessment by recognised agencies, the users of these Module Guides are encouraged to carefully consider continuous assessment using samples of (or similar) performance (practical) and written test items available in part 3 of this ATP.

Code	UE/MA/M1.1
Module title	M1.1: Create Mixed Media Artworks
Related Qualification	Part of: Uganda Vocational Qualification (Mixed Media Artist UVQ1)
Qualification Level	1
Module purpose	After completion of this module, the trainee shall be able to explore a variety of materials into a Mixed media artwork.
Learning-Working Assignments (LWAs)	LWA 1/1: Prepare Mixed Media Material LWA 1/2: Make A Collage LWA 1/3: Make Sculpture Products LWA 1/4: Make Assemblage LWA 1/5: Make Wet and Dry Mixed Media LWA 1/6: Make Mosaic
	LWA 1/7: Perform Occupational Health, Safety and Environmental Protection
	 <u>Note:</u> 1. The learning exercises must be repeated until the trainee acquires a targeted competence. 2. The trainer is advised to deliver relevant theoretical instruction with demonstrations as required to perform each learning working assignment.
Related Practical	LWA 1/1: Prepare Mixed Media Material
Exercises (PEXs)	PEX 1.1: Determine materials PEX 1.2: Identify materials PEX 1.3: Sort materials PEX 1.4: Clean materials PEX 1.5: Store materials
	 LWA 1/2: Make a Collage PEX 2.1: Determine source of inspiration PEX 2.2: Make sketches PEX 2.3: Develop concept PEX 2.3: Select tools and materials needed PEX 2.4: Transfer developed concept to the working surface PEX 2.5: Execute work PEX 2.6: Perform finishing LWA 1/3: Make Sculpture Art Work PEX 3.1: Determine tools and materials needed PEX 3.2: Determine source of inspiration PEX 3.3: Make sketches

UVQF: Assessment and Training Package (ATP) for a MIXED MEDIA ARTIST QUALIFICATION LEVEL: 1 December 2020

QUALIFICATION LEVEL. I		December 2020
	PEX 3.4:	Develop concept
	PEX 3.5:	Execute work
	PEX 3.6:	Perform finishing
	LWA 4/3:	Make Mixed Media Assemblage Products
		Determine tools and materials needed
	PEX 2.2:	Determine source of inspiration
		Make sketches
	PEX 2.4:	Develop concept
		Assemble product
		Perform finishing
-		Make Wet and Dry Mixed Media Artworks
		Determine tools and materials needed
		Determine source of inspiration
		Make sketches
		Develop concept
		Execute final product
		Perform finishing
-		Make Mosaic
		Determine tools and materials needed
		Determine source of inspiration
		Make sketches
		Develop concept
		Execute final product
-		Perform finishing
		Perform Occupational Health, Safety and Environmental Protection Practices
		Administer first aid
		Wear protective gear
		Display safety signs
		Fumigate work area
		Manage waste
		Perform firefighting
	PEX 4.7:	Sensitise workers on health and safety issues
Occupational health and safety	safety and related kn	ns, rules and regulations on occupational health, d environmental protection included in the listed lowledge should be observed and demonstrated As and PEXs.
Pre-requisite modules	None	
Related knowledge/ theory	demonstra In any cas from vario appropriat	
		ements of mixed media art pes of assemblage products

QUALIFICATION LEVEL: I	December 2020
	 Wet and dry media techniques Types of sculptures Sculpturing techniques Assemblage finishing Wet and dry finishing Collage finishing Cutting techniques Color schemes Measurements Mosaic finishing techniques Type of material Drawing techniques Painting techniques Hazard analysis Material exploration Material manipulation Toning techniques Shading techniques
Average duration of learning	 720 hours (15weeks 90days) of nominal learning suggested to include: 05 days of occupational theory and 85 days of occupational practice
Suggestions on organisation of learning	The acquisition of competencies (skills, knowledge, attitudes) described in this module may take place at a training center or its equivalent provided that all equipment and materials required for this module training are in place.
Assessment	Assessment to be conducted according to established regulations by a recognised assessment body using related practical and written test items from item bank.
Minimum required tools/ equipment/ implements or equivalent	hammer, hand saw, brushes, pens, graphite, scissors, rulers, cutter
Minimum required materials and consumables or equivalent	sand, paper, glue, feather, fabric, polythene, adhesives, water, sanitisers, glass, metal, beads, stones, bronzes, cement, plastics, fiber, jades, colour, paint, seeds, fiber glass, resin, hardener, charcoal, rubber, soap
Special notes	

Code	UE/MA/M1.2
Module title	M1.2: Establish a Mixed Media Workshop
Related Qualification	Part of: Uganda Vocational Qualification (Mixed Media Artist UVQ1)
Qualification Level	1
Module purpose	After completion of this module, a trainee shall be able to establish a Mixed media enterprise.
Learning-Working Assignments (LWAs)	LWA 2/1: Develop Business Plan LWA 2/2: Mobilise Resources LWA 2/3: Register Business LWA 2/4: Perform Occupational Health Safety and Environmental Protection Practices
	 Note: The learning exercises must be repeated until the trainee acquires a targeted competence. The trainer is advised to deliver relevant theoretical instruction with demonstrations as required to perform each learning working assignment.
Related Practical Exercises (PEXs)	LWA 2/1: Develop Business PlanPEX 1.1: Conduct feasibility studyPEX 1.2: Determine locationPEX 1.3: Prepare production planPEX 1.4: Prepare financial planPEX 1.5: Prepare marketing planPEX 1.6: Prepare procurement plan
	LWA 2/2:Mobilise ResourcesPEX 2.1:Source fundsPEX 2.2:Source labourPEX 2.3:Source tools and materialsPEX 2.4:Transport tools and materialsPEX 2.5:Store tools and materials
	LWA2/3: Set up Mixed Media Workshop PEX 3.1: Select site PEX 3.2: Secure site PEX 3.3: Prepare site PEX 3.4: Set up studio LWA 2/4: Legalise Business PEX 4.1: Register business PEX 4.2: Acquire operational permits PEX 4.3: Insure business

	LWA 2/5: Perform Occupational Health, Safety and		
	Environmental Protection Practices		
	PEX 5.1: Display safety signs		
	PEX 5.2: Administer first aid		
	PEX 5.3: Wear protective gear		
	PEX 5.4: Sensitise workers on safety and health issues		
	PEX 5.5: Perform firefighting		
	PEX 5.6: Manage waste		
	PEX 5.7: Observe personal hygiene		
Occupational health	Precautions, rules and regulations on occupational health,		
and safety	safety and environmental protection included in the listed		
	related knowledge should be observed and demonstrated		
	during LWAs and PEXs.		
Pre-requisite modules			
	None		
Related knowledge/	For occupational theory suggested for instruction/		
theory	demonstration, the trainer is not limited to the outline below.		
liteory	In any case, related knowledge/ theory may be obtained		
	from various recognised reference materials as appropriate:		
	ICT Communication skills		
	Communication skills		
	Networking skills		
	Customer care Research		
	ResearchTransport		
	Small scale enterprise		
	Negotiation skills		
	Waste management		
	 Human resource management 		
	 Environmental awareness 		
	Regulations and policies		
	 Procurement 		
	Marketing		
	Financial management		
	First aid administration		
Average duration of	80 hours (2 weeks) of nominal learning suggested to		
learning	include:		
	02 days of occupational theory and		
	08 days of occupational practice		
Suggestions on	The acquisition of competencies (skills, knowledge,		
organisation of	attitudes) described in this module may take place at a		
learning	training centre or its equivalent provided that all equipment		
	and materials required for this module training are in place.		
Assessment	Assessment to be conducted according to established		
	regulations by a recognised assessment body using related		
	practical and written test items from item bank.		
	יומטווטמו מווע שווננטו נפטנ ונפוווט ווטווו ונפווו שמווג.		

Minimum required tools or equivalent	pencil, pens, telephone, calculator, data storage device, hammer, handsaw, wheelbarrow, spade, fire extinguishers, trucks, first aid kit, cut saw, sprayers, computer
Minimum required materials and consumables or equivalent	timber, plywood, sand, cement, water, paint, bricks, iron sheets, tarpaulin, sanitisers, masks, found objects, paraffin, thinner, nails
Special notes	

Code	UE/MA/M1.3
Module title	M1.3: Manage a Mixed Media Enterprise
Related Qualification	Part of: Uganda Vocational Qualification (Mixed Media Artist UVQ1)
Qualification Level	1
Module purpose	After completion of this module, the trainee shall be able to manage a Mixed media enterprise.
	LWA 3/1: Keep Records LWA 3/2: Manage Tools and Materials LWA 3/3: Perform Administrative Duties LWA 3/4: Perform Occupational Health Safety and Environmental Protection Practices
Learning-Working Assignments (LWAs)	 <u>Note:</u> 1. The learning exercises must be repeated until the trainee acquires a targeted competence. 2. The trainer is advised to deliver relevant theoretical instruction with demonstrations as required to perform each learning working assignment.
Related Practical	LWA 3/1: Keep Records
Exercises (PEXs)	 PEX 1.1: Keep financial records PEX 1.2: Keep human resource records PEX 1.3: Keep inventory records PEX 1.4: Keep production records PEX 1.5: Keep marketing records PEX 1.6: Keep procurement records
	LWA 3/2: Perform Administrative DutiesPEX 2.1: Recruit workersPEX 2.2: Orient workersPEX 2.3: Pay taxesPEX 2.4: Supervise workPEX 2.5: Remunerate workersPEX 2.6: Motivate workersPEX 2.7: Assign dutiesPEX 2.8: Reward workersPEX 2.9: Provide customer careLWA 3/3: Maintain Tools and MaterialsPEX 3.1: Clean tools and materialsPEX 3.2: Replace tools and materialsPEX 3.3: Repair tools and materialsPEX 3.4: Sterilise tools and materialsPEX 3.5: Lubricate toolsPEX 3.6: Sharpen tools

QUALIFICATION LEVEL: 1	December 2020		
	LWA 3/4: Perform Art Curatorship		
	PEX 4.1: Collect work		
	PEX 4.2: Develop story line for work		
	PEX 4.3: Catalogue work		
	PEX 4.4: Display work		
	PEX 4.5: Brand work		
	PEX 4.6: Advertise work		
	PEX 4.7: Price work		
	PEX 4.8: Sell work		
	LWA 3/5: Perform Occupational Health, Safety and		
	Environmental Protection Practices.		
	PEX 5.1: Display safety signs		
	PEX 5.2: Administer first aid		
	PEX 5.3: Wear protective gear		
	PEX 5.4: Sensitise workers on health and safety issues		
	PEX 5.5: Manage waste PEX 5.6: Perform firefighting		
	Precautions, rules and regulations on occupational health,		
Occupational health	safety and environmental protection included in the listed		
and safety	related knowledge should be observed and demonstrated		
	during LWAs and PEXs.		
Pre-requisite modules	None		
Related knowledge/	For occupational theory suggested for instruction/		
theory	demonstration, the trainer is not limited to the outline below.		
	In any case, related knowledge/ theory may be obtained		
	from various recognised reference materials as		
	appropriate:		
	Types of business		
	Human resource managementMarketing		
	Financial management		
	Usage of tools and materials		
	Storage of tools and materials		
	Record keeping		
	Labour lawsRegulations and policies		
	Customer handling		
	Maintenance		
	Procurement		
	Waste management First aid		
	First aidNegotiation skills		
	Costing and price		
L			

Average duration of learning	 80 hours (2 week 10 days) of nominal learning suggested to include: 03 day of occupational theory and 07 days of occupational practice 	
Suggestions on organisation of learning	The acquisition of competencies (skills, knowledge, attitudes) described in this module may take place at a training centre or its equivalent provided all equipment and materials required for training are in place.	
Assessment	Assessment to be conducted according to established regulations by arecognised assessment body using related practical and written test items from Item bank	
Minimum required tools/ equipment/ implements or equivalent	containers, office furniture, computer, printer, fax machine storage facility, calculators ,telephone set/mobile phone, and equipment, Internet and first aid kit, pens, pencils, letter storage device,	
Minimum required materials and consumables or equivalent	log books, receipt books, and other office stationery, lubricants	
Special notes		

3.0 ATP-PART III

Assessment Instruments for a MIXED MEDIA ARTIST

- 3.1 Assessment of occupational competence is the procedure by which evidence is gathered and judged to decide if an individual (candidate) has met the stipulated assessment standards or not. In this ATP the *standards* to assess occupational competences are reflected in the form of the Occupational Profile and related Test Items.
- 3.2 Assessment of occupational competence should comprise both practical (performance) testing and written (theory/knowledge) testing.
- 3.3 Based on the Occupational Profile, a combined panel of job practitioners and Instructors developed a substantial number of test items for assessing (practical) performance as well as items for assessing occupational knowledge (theory) all stored in an electronic Test Item Bank (TIB) at Directorate of Industrial Training.
- 3.4 Performance (Practical) Test Items (PTI) are closely related to typical work situations in Ugandan business and manufacturing enterprises. They comprise a test assignment for candidates and assessment criteria and/or scoring guides for assessors' use.
- 3.5 Written Test items (WTI) for written testing of occupational theory, (knowledge) are presented in different forms which include:
 - Short answer test items.
 - Multiple choice test items and,
 - Matching test items, These WTIs herein focus on functional understanding as well as trouble-shooting typically synonymous with the world of work.
- 3.6 Composition of assessment / test papers will always require good choices of different types of WTI in order to ensure the assessment of relevant occupational knowledge required of candidates to exhibit competence.
- 3.7 The test items contained in the Test Item Bank may be used for continuous / formative assessment during the process of training as well as for summative assessment of candidates who have acquired their competences non-formally/or informally.
- 3.8 In this document, the following samples of test items for assessing both performance (practical) and occupational knowledge (theory) of **MIXED MEDIA ARTIST** are included:

No.	Type of Test Item	Numbers included
1.	Written (Theory)- short answer	1
2.	Written (Theory)- multiple choice	2
3.	Written (Theory)- matching item- generic	2
4.	Written (theory)- matching item-cause effect	1
5.	Written (Theory)- matching item (work sequence)	1
6.	Performance (Practical) test items	1
Total		8

3.9 Overview of test item samples included

WRITTEN TEST ITEMS (SAMPLES)

DIT/QS	Test Item Database Written (Theory) Test Item- no.1				
Occupational Title:	Mixed media Artist				
Competence level:	1				
Code no.					
	Short answer	\checkmark			
	Multiple choice				
Test Item type:	Matching item	Generic	Cause- Effect	Work-sequence	
Complexity level:	C2				
Date of OP:	September 2020				
Related module:	M1.1				
Time allocation:	2 minutes				

Test Item	Mention any 4 used in production of mosaic collage art pie			
Answer spaces	(i) (ii) (iii) (iv)			
Expected key (answers)	 (i) Glue (ii) Beads (iii) Yarn (iv) Banana fibre (v) Paper (vi) Support surface 			

DIT/QS	Test Item Database Written (Theory) Test Item- no.2			
Occupational Title:	Mixed media Artis	st		
Competence level:	1			
Code no.				
	Short answer			
	Multiple choice	\checkmark		
Test Item type:	Matching item	Generic	Cause- Effect	Work- sequence
Complexity level:	C2			
Date of OP:	September 2020			
Related module:	M1.1			
Time allocation:	3 minutes			

Test Item	Which of the following is a technique used in finishing a mask
Distractors and correct answer	A. PaintingB. SketchingC. DrawingD. Casting

Key (answer)

А

DIT/QS	Test Item Database Written (Theory) Test Item- no.3			
Occupational Title:	Mixed Media Artist			
Competence level:	1			
Code no.				
	Short answer			
Test Item type:	Multiple choice	\checkmark		
	Matching item	Generic	Cause- Effect	Work- sequence
Complexity level:	C2			
Date of OP:	September 2020			
Related module:	M1.3			
Time allocation:	3 minutes			

Test Item	 Which of the following are activities involved in managing mixed media workshop? 1. Prepare financial plan 2. Pay taxes 3. Prepare reports 4. Perform finishing 5. Develop concept 6. Maintain tools
Distractors and correct answer	 A. 1,3,4 and 5 B. 4,2,5 and 6 C. 1,2,3 and 6 D. 3,4,5 and 6

Key (answer)

DIT/QS	Test Item Database Written (Theory) Test Item- no.4			
Occupational Title:	Mixed Media Artis	Mixed Media Artist		
Competence level:	1			
Code no.				
	Short answer			
	Multiple choice			
Test Item type:	Matching item	Generic	Cause- Effect	Work- sequence
		\checkmark		
Complexity level:	C2			
Date of OP:	September 2020			
Related module:	M1.1			
Time allocation:	3 minutes			

Test ItemMatch the following collage material to their relevant
functions.

Materials (A)	
1	Support
2	Glue
3	Paint
4	Vanish

Functions (B)	
А	Preserve materials
В	Hold materials
С	Bond materials
D	Draw sketches
Е	Decorating
F	Coloring

Kev	(answer)
	(

1;B, 2;C,3;F;4;A

DIT/QS	Test Item Database Written (Theory) Test Item- no.5				
Occupational Title:	Mixed Media Artist				
Competence level:	1				
Code no.					
	Short answer				
	Multiple choice				
Test Item type:	Matching item	Generic	Cause- Effect	Work- sequence	
		\checkmark			
Complexity level:	C2				
Date of OP:	September 2020				
Related module:	M1.1				
Time allocation:	3 minutes				

Test Item

Match the following mask materials to their relevant functions

Materials (A)	
1	Paper
2	Glue
3	Clay
4	Varnish
5	Paints
6	Beads

	Functions (B)					
А	Make mold					
В	Preserve material					
С	Form layers of mask					
D	Stick material					
Е	Act as accessories					
F	Color mask					
G	Store mask					

Key (answer)	1:C, 2:D, 3:A, 4:B, 5:F, 6:E
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DIT/QS	Test Item Database Written (Theory) Test Item- no.6						
Occupational Title:	Mixed Media Artist						
Competence level:	1						
Code no.							
	Short answer	rt answer					
	Multiple choice						
Test Item type:	Matching item	Generic	Cause- Effect	Work- sequence			
			\checkmark				
Complexity level:	C2						
Date of OP:	Pate of OP: September 2020		0				
Related module:	M1.1						
Time allocation:	3 minutes						

Test Item

Match the following causes to their faults

Column A (Causes)						
1	Failure to dry					
2	Poor handling					
3	Poor quality of adhesive					
4	Poor assembling of materials					

	Column B (Faults)					
А	Peeling off					
В	Cracking					
С	Buckling					
D	Rotting					
Е	Fading					

Key (answer)

1: D, 2:B, 3:A, 4:C

DIT/QS	Test Item Database Written (Theory) Test Item- no.7					
Occupational Title:	Mixed Media Artis	Mixed Media Artist				
Competence level:	1					
Code no.						
	Short answer					
	Multiple choice		-			
Test Item type:	Matching item	Generic	Cause- Effect	Work- sequence		
				\checkmark		
Complexity level:	C2					
Date of OP:	September 2020					
Related module:	M1.2					
Time allocation:	3 minutes	3 minutes				

Test Item	Re-arrange	the	following	steps	followed	when	making	а
	puppet.							

Column A (chronology)	Column B (work steps) in wrong chronological order		
1 st	А	Apply material following sketch	
2 nd	В	Develop concept	
3 rd	С	C Generate product idea sketch	
4 th	D	Select tools and materials needed	
5 th	E	Perform finishing	

Key (answer) 1:D, 2:C, 3:B 4:A, 5:E

PERFORMANCE TEST ITEMS (SAMPLES)

DIT/ QS	Test Item Database		
	Performance Test Item No.8		
Occupational Title:	Mixed Media Artist		
Competence level:	Level 1		
Code no.			
Test Item:	Using wet and dry media, create a composition showing the topic "Narrow escape"		
Complexity level:	P2		
Date of OP:	September 2020		
Related module:	M1.1		
Related skills and knowledge: Required tools, Equipment, and Materials:	 Drawing skills Colour combination Colour schemes Poetry skills Story telling skills Drama skills Imaginative skills Elements and principals of design The Design process Communication skills Wet and dry techniques Time management projector, torch, bulbs, clear background, scissors, software, sketch book, card boards, computer, sound gadgets, recorders, video cameras, smart phones, stationery. water 		
Materials.	and oil based colour, graphite, pen, sharpener, paint brush, cutter, pallet, water, thinner, wood, paraffin, soap, isles, paper, markers, rulers, adhesives, fabric,		
Time allocation:	5 Hours		
Preferred venue:	Mixed media studio		
Remarks for candidates	Be creativeBe innovative		
Remarks for assessors	 The assessor should make sure that the assesse is availed with tools and materials Studio attendant 		
Special notes	Handle toxic materials with care.		

QUALIFICATION LEVEL: 1 December 2					
#	Assessment	Scoring guide	Max. Score		
"	criteria		Process	Result	
1.	Preparation for the task	Wore protective gear (overall, gloves, masks, safety shoes).		3	
		Cleaned work area	2		
		Dirty free area observed		4	
		Selected tools and materials	3		
		Prepared tools and materials	2		
		Assembled tools and materials	3		
2.	Production process	Made sketches	2		
		Final sketches of composition observed (story board)		3	
		Final sketches out of papers		3	
		Plotted on given surface	2		
		Balance plotted composition observed		4	
		Applied desired media	3		
		Wet and dry media applied consistently		4	
		Applied finishing	3		
		Dried work	3		
		Dry work observed		4	
		Applied finishing	3		
		Neatly finished work observed		4	
3	Demobilisation of resources	Cleaned tools		2	
		Stored tools and materials	2		
		Cleaned work area	2		
		Clean work place observed		3	
тот	AL		30	33	
Мах	imum score (Y)	(X/Y) x 100	63		

4.0 ATP- PART IV

INFORMATION ON DEVELOPMENT PROCESS

4.1 Occupational Profile Development (September 2020)

The Occupational Profile was exclusively developed by job practitioners who were working in the Mixed Media Artist occupation. The job expert panel, guided by UVQF Facilitators defined duties and tasks performed and provided additional generic information regarding the occupation.

4.2 Training Module development (September 2020)

Based on the <u>Occupational Profile</u> for Mixed Media Artist of September 2020, Training Modules were developed by job practitioners, guided by UVQF Facilitators.

4.3 Test Item Development (September 2020)

Based on the <u>Occupational Profile</u> for Mixed Media Artist of September 2020, and Training Modules, Test Items were developed by combined panels of instructors and job practitioners, guided by UVQF Facilitators.

4.4 Methodology

The rationale for the Assessment and Training Package development was to link Vocational Education and Training to the real world of work by bridging Occupational Standards to Training Standards through industry-led Standards-Based Assessment.

Active participation of both instructors and job practitioners' panels consolidated the development philosophy.

The panelists worked as teams in workshop settings complemented by offworkshop field research and literature review activities including international benchmarking.

4.5 Development Panel

The participating panel of Job Practitioners required for different stages of the assessment training package i.e. occupational profile, training modules, assessment instruments were constituted by members from the following organisations;

S/No	Name	Organisation
1.	Mustafa Lutaaya	Kibuli S.S (NCDC)
2.	Nanyonga Hellen Kibuuka	Kings College Buddo
3.	Asaba Fred	Trinity College Nabbingo
4.	Mukasa Geoffrey	London College
5.	Ssembajjwe Tony	Standard High School
6.	Kigozi Samuel	Mt. of Olives College
7.	Wycliff Edwine Tusiime	Kyambogo University (Bushenyi Campus)
8.	Tayebwa Nicholas	Gayaza Road SS
9.	Ntawu Robert	MITA College
10.	Yiga Ibrahim	Namagabi SS Kayunga
11.	Bukenya Bridget	Caltec Academy
12.	Ruzibiza Zawedde Maureen	Ntinda VTI

QUALITY CHECK PANEL			
No	Names	Organisation	
1	Muganga K Christopher	NCDC	
2	Nakisendo Fatuma	DIT	
3	Nalwanga Rebecca	DIT	
4	Kyatuhire Fortunate	DIT	
5	Ntambi Denis	DIT	
6	Komakech Joseph	DIT	
7	Tuhirirwe Doreen	DIT	
8	Ainembabazi Faith	DIT	
9	Benjamin Alex Kibira	DIT	
10	Matende Shamsi	DIT	
11	Hanyerere Hattie Wright	DIT	

4.6 Facilitator team

This Assessment and Training Package was developed by a Facilitator team listed below:

1. Team Lea	Ms. Mukyala Ruth, Ag Deputy Director,	
	lification Standards Department, Directorate dustrial Training	

- 2. DIT Facilitators: Ms. Nakisendo Fatuma and Nalwanga Rebecca
- 3. Facilitators for quality check: Kusasira Agnes, Ahimbisibwe Judith and Namwebya Sarah as a Data Entrant all from Qualification Standards Department.
- 4. DIT Data Entrant: Mr. Komakech Joseph and Muheki Solomon
- 5. Compiled by: Mr. Komakech Joseph DIT
- 6. **Edited by**: Ms. Mukyala Ruth Ag. DD, DIT, Qualification Standards Dept. DIT
- 7. **Coordinated by:** Mr. Byakatonda Patrick, Ag. Director, DIT and Ms. Mukyala Ruth Ag. DD, DIT, Qualification Standards Dept. DIT

4.7 Reference time:

The Assessment and Training Package was compiled in September 2020 and may be periodically revised to match the dynamic trends in the occupation and hence issued in different versions.

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