



NATIONAL QUALIFICATION

11UY0023–3

CONSTRUCTION PAINTER

LEVEL 3

REVISION NO: 02

AMENDMENT NO: 01

VOCATIONAL QUALIFICATIONS AUTHORITY

Ankara, 2013

PREFACE

Construction Painter (Level 3) National Qualification has been developed in line with the provisions of the "Regulation on the Development of National Occupational Standards and National Qualifications" issued in accordance with the Law on Vocational Qualifications Authority (VQA) numbered 5544.

The qualification template was prepared by the Turkish Employers' Association of Construction Industries (INTES) assigned with the protocol signed on 08.12.2009. The opinions of the relevant institutions and organizations in the sector were taken about the template prepared, and the necessary regulations on the template were made by assessing those opinions. Following the review and assessment by the Construction Sector Committee of VQA and the consent of the Committee, the final template was approved by the decree of the VQA Executive Board dated 19/10/2011 and no. 2011/67 and decided to be placed within the National Qualifications Framework (NQF).

Construction Painter (Level 3) National Qualification was revised for the first time with the decision of the VQA Executive Board dated 09/05/2012 and no. 2012/39, and for the second time by the VQA Executive Board decision dated 11/12/2013 and no. 2013/104.

Construction Painter (Level 3) National Qualification has been amended by the Presidential Decree dated 10.06.2020 and numbered 1570.

We would like to extend our gratitude to people, institutions, and organizations, which presented their opinions and contributed to the development, review, and verification of the qualification, for their contributions and opinions, and we submit the qualification for all parties' information who may benefit from it.

Vocational Qualifications Authority

INTRODUCTION

The basic criteria for the development of the national qualification, its review by the sector committees, and its approval and enforcement by the VQA Executive Board are stated in the Regulation on the Development of National Occupational Standards and National Qualifications.

National qualifications include the following elements:

- a) The name and level of the qualification,
- b) The purpose of the qualification,
- c) Occupational standard, occupational standard units/duties, or qualification units that constitute the source of qualification,
- ç) Requirements for entering the qualification exam,
- d) Learning outcomes and performance criteria on the basis of qualification units,
- e) Assessment, evaluation and evaluator criteria to be applied in acquiring the qualification
- f) The validity period of the qualification certificate, the conditions for renewal, and the conditions concerning the supervision of the certificate holder.
- g) The institution/organization that develops the qualification and the Sector Committee that validates it.

National qualifications are formed on the basis of national occupational standards and/or international occupational standards.

National qualifications are formulated by the organizations below and through their joint efforts;

- Formal and informal education and training institutions,
- Authorized awarding bodies,

- Organizations that have made a preliminary application for authorization to the Authority,
- Organizations that have developed national occupational standards,
- Occupational organizations.

11UY0023-3 CONSTRUCTION PAINTER NATIONAL QUALIFICATION

1	NAME OF THE QUALIFICATION UNIT	Construction Painter
2	REFERENCE CODE	11UY0023-3
3	LEVEL	3
4	PLACE IN THE INTERNATIONAL CLASSIFICATION	ISCO 08: 7131.01
5	TYPE	-
6	CREDIT VALUE	-
7	A) PUBLICATION DATE	19/10/2011
	B) REVISION / AMENDMENT NO	Revision No: 02 Amendment No: 01
	C) REVISION / AMENDMENT DATE	Revision No. 02: 11/12/2013 - 2013/104 Amendment No. 01 10/06/2020-1570
8	AIM	This qualification has been developed for the aim of determining and certifying the qualifications of the Construction Painter. Cleaning the surfaces of the buildings, making them smooth, protecting them against external factors and giving them an aesthetic appearance are seen as structural and aesthetic requirements. In this respect, it is important to define the knowledge, skills and competencies of the Construction Painter.
9	OCCUPATIONAL STANDARD(S) THAT FORM(S) THE BASIS FOR THE QUALIFICATION UNIT	Construction Painter (Level 3) National Occupational Standard 10UMS0058-3
10	REQUIREMENT(S) FOR ENTERING THE QUALIFICATION EXAM	-
11	STRUCTURE OF QUALIFICATION	
	11-a) Mandatory Units	11UY0023-3/A1 Occupational Health and Safety, and Work Organization 11UY0023-3/A2 General Occupational Knowledge and Application Skills in Construction Painter Occupation
	11-b) Elective Units	-
	11-c) Alternatives for Grouping Units and Additional Learning Outcomes	In order to achieve a qualification certificate, it is necessary to be successful in all of the prescribed qualification units.
12	ASSESSMENT AND EVALUATION	The assessment and evaluation to be made for the aim of certification according to the Construction Painter (Level 3) National Qualification will be conducted in the form of theoretical and practical exams at the testing and certification centers or work environments where the necessary working conditions are

created. It is possible for the candidates to take the qualification units separately or to apply them altogether if they request so.
The theoretical exam consists of four-option multiple-choice questions and fill-in-the-blank type questions. However, the total number of fill-in-the-blank questions cannot exceed $\frac{1}{4}$ of the total number of questions.

13	VALIDITY PERIOD OF THE CERTIFICATE	The qualification certificate is valid for 5 years from the issue date of the certificate.
14	OBSERVANCE FREQUENCY	-
15	ASSESSMENT AND EVALUATION METHOD TO BE USED IN CERTIFICATE RENEWAL	<p>At the end of the validity period of five (5) years, the performance of the certificate holder shall be assessed using at least one of the methods defined below;</p> <p>a) Submitting records (service document, reference/recommendation letter, contract, invoice, portfolio, etc.) proving that they have worked in the relevant site for at least two years in total or for the last six months within the 5-year validity period of the certificate.</p> <p>b) Taking the practical exams defined for the qualification units within the scope of qualification.</p> <p>For the candidates with a positive assessment result, the validity period of the certificate shall be extended for another 5 years.</p>
16	ORGANIZATION(S) DEVELOPING THE QUALIFICATION	Turkish Employers' Association of Construction Industries (INTES)
17	SECTOR COMMITTEE VERIFYING THE QUALIFICATION	Construction Sector Committee
18	VQA EXECUTIVE BOARD'S APPROVAL DATE and NUMBER	<p>Initial Approval: 19/10/2011 – 2011/67</p> <p>Revision No. 01: 09/05/2012 – 2012/39</p> <p>Revision No. 02: 11/12/2013 – 2013/104</p>

11UY0023-3/A1 OCCUPATIONAL HEALTH AND SAFETY, AND WORK ORGANIZATION QUALIFICATION UNIT

1	NAME OF THE QUALIFICATION UNIT	Occupational Health and Safety, and Work Organization
2	REFERENCE CODE	11UY0023–3/A1
3	LEVEL	3
4	CREDIT VALUE	-
5	A) PUBLICATION DATE	19/10/2011
	B) REVISION / AMENDMENT NO	Revision No: 02 Amendment No: 01
	C) REVISION / AMENDMENT DATE	Revision No. 02: 11/12/2013 - 2013/104 Amendment No. 01 10/06/2020-1570
6	THE OCCUPATIONAL STANDARD THAT FORMS THE BASIS FOR THE QUALIFICATION UNIT	Construction Painter - Level 3 National Occupational Standard 10UMS0058–3
7	LEARNING OUTCOMES	<p><u>Learning Outcome 1: Complies with occupational health and safety measures and performs work organization activities.</u></p> <p>Performance Criteria:</p> <p>1.1: Takes the necessary measures for occupational health and safety. 1.2: Conducts relations with the employer. 1.3: Creates the work schedule. 1.4: Applies technical procedures to ensure quality. 1.5: Contributes to reducing environmental risks.</p> <p><u>Learning Outcome 2: Carries out activities related to professional development.</u></p> <p>Performance Criteria:</p> <p>2.1: Follows occupational publications and technological developments. 2.2: Participates in activities such as in-service training, courses, etc. related to the occupation.</p>
8	ASSESSMENT AND EVALUATION	<p>8 a) Theoretical Exam</p> <p>(T1) Within the scope of this unit, a written exam with at least 5 questions including 4-option multiple-choice test questions and fill-in-the-blank type questions must be applied and at least 60% success must be achieved by the candidate. The average time per question should be implemented as 1.5-2 minutes. Exam questions should be designed to ensure that they can cover all the statements specified in the knowledge section of the <i>INFO-Knowledge Checklist in Annex 2</i>, which are expected to be assessed within the scope of the theoretical exam.</p> <p>8 b) Practical Exam</p> <p>(P1) The practical exam related to the occupation will be performed by taking into account the SC-Skills and Competences Checklist in Annex 2.</p>

A minimum of 80% success must be achieved in the exam. All performance criteria expected to be assessed by the practical exam (P1) will be covered by the exam in question. The candidate must not exceed the time given for the task to be performed.

8 c) Other Conditions Regarding Assessment and Evaluation

The candidate should pass both the T1 and P1 exams in order to be considered successful in the mentioned unit. Candidates who fail all or any part of the exam can retake the exam from the failed section/sections within one year. Those who do not use such rights within a year will have to take both exams again in order to be certified. If the candidate fails the exam they have taken twice in a year, they are recommended to attend the vocational training programs within the period and content specified in Annex 11UY0023-3/A1-1.

9	INSTITUTION/ORGANIZATION(S) DEVELOPING THE QUALIFICATION UNIT	Turkish Employers' Association of Construction Industries (INTES)
10	SECTOR COMMITTEE VERIFYING THE QUALIFICATION UNIT	Construction Sector Committee
11	VQA EXECUTIVE BOARD APPROVAL DATE and NUMBER	Initial Approval: 19/10/2011 – 2011/67 Revision No. 01: 09/05/2012 – 2012/39 Revision No. 02: 11/12/2013 – 2013/104

QUALIFICATION UNIT ANNEXES

ANNEX 11UY0023–3/A1–1: Information on Recommended Training for the Acquisition of the Qualification Unit

Candidates are recommended to complete at least an 8-hour training program with the below-described training content for the awarding of this unit.

Training Content:

- Safety, health signs and rules to be followed at the construction site.
- Knowledge of hazard and risk definitions.
- Information on risk and hazard factors, knowledge of necessary precautions and emergencies.
- Health and safety rules in the use of work equipment.
- Knowledge of tools and machinery user manuals.
- Knowledge of using handbooks.
- The importance of Occupational Health and Safety and the rules to be followed.
- Knowledge of working procedures, work discipline and working principles in the workplace, and occupational ethics.
- Personal protective equipment and usage techniques in the workplace.
- Knowledge of the rules to be followed in the work area, quality control principles and environmental rules, and first aid information.

ANNEX 11UY0023–3/A1–2: Checklist to be used in the Assessment and Evaluation of the Qualification Unit

a) INFORMATION

No.	Knowledge Statement	NOS-Related Department	Qualification Unit Performance Criteria:	Assessment Tools
INFO.1	Lists the sources of hazard in the work area.	A.1.1	1.1	T1
INFO.2	Describes the PPE required for occupational health and safety.	A.1.2	1.1	T1
INFO.3	Explains to whom to report the issues that may lead to problems.	A.1.3	1.1	T1
INFO.4	List the behaviors that will lead to accidents.	A.1.4	1.1	T1
INFO.5	Lists the measures taken for occupational health and safety.	A.1.4	1.1	T1
INFO.6	Explains why irrelevant people should not be in the work area.	A.1.5	1.1	T1
INFO.7	Explains why the first aid kit and fire extinguisher should be kept in the working environment.	A.1.6	1.1	T1

INFO.8	Explains the necessity of keeping communication tools (radio, telephone, etc.) with themselves.	A.1.7	1.1	T1
INFO.9	States that the required safety equipment control of the area to be worked should be carried out in accordance with the directives of the occupational health and safety officer.	A.1.8	1.1	T1
INFO.10	States that the work area should be kept clean and tidy.	A.1.9	1.1	T1
No.	Knowledge Statement	NOS-Related Department	Qualification Unit Performance Criteria:	Assessment Tools
INFO.11	States that the instructions given by the employer regarding the work must be followed.	A.2.1	1.2	T1
INFO.12	Explains why they should inform the employer about the progress of the work.	A.2.2	1.2	T1
INFO.13	Explains the construction technical-environmental application conditions.	A.3.1	1.3	T1
INFO.14	Explains that work distribution should be made among colleagues.	A.3.2	1.3	T1
INFO.15	Explains the material to be used, the amount of material, and the starting and ending times of work.	A.3.3 A.3.4	1.3	T1
INFO.16	Explains how to implement quality assurance techniques according to the type of task to be performed.	A.4.1	1.4	T1
INFO.17	Explains how to meet quality conditions during tasks.	A.4.2	1.4	T1
INFO.18	Explains how to perform the necessary sorting and classification for the recovery of recyclable materials.	A.5.1	1.5.	T1
INFO.19	Explains that it is necessary to separate hazardous and harmful wastes from other materials in accordance with the instructions given.	A.5.2	1.5.	T1
INFO.20	Explains how to make temporary storage of hazardous and harmful wastes and recyclable materials by taking necessary precautions.	A.5.2	1.5.	T1
INFO.21	Explains how flammable and combustible materials should be stored.	A.5.3	1.5.	T1
INFO.22	Indicates that appropriate equipment, materials and equipment to be used against spills and leaks should be available.	A.5.4	1.5.	T1
INFO.23	State that they should follow occupational publications and product promotion meetings.	E.1.1 E.1.2	2.1	T1
INFO.24	Explains that they should attend occupational courses and certificate programs.	E.2.1	2.2	T1
INFO.25	States that they should share the information obtained as a result of the trainings attended regarding the occupation with the team they work with.	E.2.2 E.2.3	2.2	T1

b) SKILLS AND COMPETENCIES

No.	Statement of Skills and Competencies	NOS- Related Department	Qualification Unit Performance Criteria	Assessment Tool
SC.1	Uses the PPE required for occupational health and safety.	A.1.2	1.1	P1
SC.2	Complies with the measures taken for occupational health and safety.	A.1.4	1.1	P1
SC.3	Ensures that the work area is kept clean and tidy.	A.1.9	1.1	P1

11UY0023–3/A2 GENERAL OCCUPATIONAL KNOWLEDGE AND APPLICATION SKILLS IN CONSTRUCTION PAINTER OCCUPATION QUALIFICATION UNIT

1	NAME OF THE QUALIFICATION UNIT	General Occupational Knowledge and Application Skills in Construction Painter Occupation
2	REFERENCE CODE	11UY0023–3/A2
3	LEVEL	3
4	CREDIT VALUE	-
5	A) PUBLICATION DATE	19/10/2011
	B) REVISION / AMENDMENT NO	Revision No: 02 Amendment No: 01
	C) REVISION / AMENDMENT DATE	Revision No. 02: 11/12/2013 - 2013/104 Amendment No. 01 10/06/2020-1570
6	THE OCCUPATIONAL STANDARD THAT FORMS THE BASIS FOR THE QUALIFICATION UNIT	Construction Painter - Level 3 National Occupational Standard 10UMS0058–3
7	LEARNING OUTCOMES	<p><u>Learning Outcome 1: Makes preparation tasks before paint/varnish.</u></p> <p>Performance Criteria:</p> <p>1.1: Performs the surface control according to the checklist in Annex 2. 1.2: Performs surface cleaning according to the checklist in Annex 2. 1.3: Makes the infrastructure preparation for the surface according to the checklist in Annex 2. 1.4: Makes the materials and the surface to be painted ready for use.</p> <p><u>Learning Outcome 2: Apply paint/varnish tasks.</u></p> <p>Performance Criteria:</p> <p>2.1: Performs the puttying tasks according to the checklist in Annex 2. 2.2: Performs the sanding task after putty according to the checklist in Annex 2. 2.3: Performs surface cleaning after sanding according to the checklist in Annex 2. 2.4: Makes priming. 2.5: Applies topcoat paint/varnish.</p> <p><u>Learning Outcome 3: Performs post-paint/varnish tasks.</u></p> <p>Performance Criteria:</p> <p>3.1: Controls the painted/varnished surface. 3.2: Fixes the errors on the surface. 3.3: Cleans the paint spilled on the floor and remaining on the windows. 3.4: Disassembles/installs sockets and electrical switches by taking occupational health and safety precautions. 3.5: Removes the paper masking tapes. 3.6: Ensures the separation, storage and removal of wastes.</p>
8	ASSESSMENT AND EVALUATION	<p>8 a) Theoretical Exam</p> <p>(T1) Within the scope of this unit, a written exam with at least 20 questions including 4-option multiple-choice test questions and fill-in-the-blank type questions must be applied and at least 60% success must</p>

be achieved by the candidate. The average time per question should be implemented as 1.5-2 minutes. Exam questions should be designed to ensure that they can cover all the statements specified in the *INFO-Knowledge Checklist in Annex 2*, which are expected to be assessed within the scope of the theoretical exam.

8 b) Practical Exam

(P1) The practical exam related to the occupation will be performed by taking into account the SC-Skills and Competences Checklist in Annex 2.

A minimum of 80% success must be achieved in the exam. All performance criteria expected to be assessed by the practical exam (P2) will be covered by the exam in question. The candidate must not exceed the time given for the task to be performed.

8 c) Other Conditions Regarding Assessment and Evaluation

The candidate should pass both the T1 and P1 exams in order to be considered successful in the mentioned unit. Candidates who fail all or any part of the exam can retake the exam from the failed section/sections within one year. Those who do not use such rights within a year will have to take both exams again in order to be certified. If the candidate fails the exam they have taken twice in a year, they are recommended to attend the vocational training programs within the period and content specified in **Annex 11UY0023-3/A2-1**.

9	INSTITUTION/ORGANIZATION(S) DEVELOPING THE QUALIFICATION UNIT	Turkish Employers' Association of Construction Industries (INTES)
10	SECTOR COMMITTEE VERIFYING THE QUALIFICATION UNIT	Construction Sector Committee
11	VQA EXECUTIVE BOARD APPROVAL DATE and NUMBER	Initial Approval: 19/10/2011 – 2011/67 Revision No. 01: 09/05/2012 – 2012/39 Revision No. 02: 11/12/2013 – 2013/104

QUALIFICATION UNIT ANNEXES

ANNEX 11UY0023/A2–1: Information on the Recommended Training for the Awarding of the Qualification Unit

Candidates are recommended to complete at least a 72-hour training program with the below-described training content for the awarding of this unit.

Training Content:

- Knowledge of occupational terms, materials and colors
- Knowledge of tools, equipment and tools used in painting
- Knowledge of the definition and properties of paint materials
- Importance of special application information in packaging, labels and technical specifications of paint materials and obligations regarding their application
- Skill to read projects, the importance of site list information
- Knowledge of basic construction painting tasks (calculation of surface area, determination of material needs, preparation of proposals)
- The importance of organizing work and organizing
- Basic scaffolding knowledge and scaffolding
- Knowledge of surface cleaning according to the material properties of the surface to be painted (masonry, wooden, metal)
- Knowledge of protecting surfaces and items not to be painted
- Knowledge of the cleaning and organization of the work area
- Knowledge of surface infrastructure, surface control and its importance
- Checking the surface
- Detection of surface defects
- Elimination of surface defects
- Filling, applying putty and rapid filler according to the properties of the ground (masonry, wooden and metal)
- Knowledge and application of sanding
- Final surface control before primer
- Choosing and making primer according to the type of paint to be used
- Surface control after priming, and elimination of defects, if any
- Paint selection and application of first coat
- Principles of applying paint to ceilings
- Principles of applying paint to walls
- The importance and follow-up of paint drying times
- Application of second coat
- Application of third coat if necessary
- Methods of eliminating possible defects after the last coat of paint
- Primer/paint applications on masonry surfaces
- Primer/paint/varnish applications on wooden surfaces
- Primer/paint applications on metal surfaces
- Environment cleaning after painting, environmental organization and arrangements
- Follow-up of new materials, techniques and developments related to the occupation
- Protection tasks of painted surfaces
- Cleaning and maintenance of used tools, instruments and equipment

ANNEX 11UY0023/A2–2: Checklist to be Used in the Assessment and Evaluation of the Qualification Unit

a) INFORMATION

No.	Knowledge Statement	NOS-Related Department	Qualification on Unit Performance Criteria:	Assessment Tools
INFO. 1	Describes how to check the surface.	B.1.1	1.1	T1
INFO. 2	Explains the tasks to be performed according to the surface properties.	B.1.1	1.1	T1
INFO. 3	Explains who to inform about the basic insulation deficiencies and general controls of the building.	B.1.2 B.1.5	1.3	T1
INFO. 4	Explains how to clean burrs and welding marks on metal surfaces.	B.1.3	1.2	T1
INFO. 5	Explains how to purify snags and excess resin on wooden surfaces with blowtorch or impregnation.	B.1.4	1.1	T1
INFO. 6	Explains how to clean surfaces (from dust, dirt, oil, and mold).	B.2.1	1.2	T1
INFO. 7	Lists the surface cleaning methods depending on the condition of the floor.	B.2.2	1.2	T1
INFO. 8	Explains how to separate loose and not-self-supporting layers (old painted, plastered surfaces) from the surface.	B.2.3	1.2	T1
INFO. 9	Explains what should be done to eliminate the insulation deficiencies of installation leaks in hidden streams, balconies, and wet areas on interior and exterior surfaces.	B.2.4	1.2	T1
INFO. 10	Explains how to install/disassemble the simple scaffolds required by the work.	B.3.1	1.3	T1
INFO. 11	Explains how to prepare suitable materials (cement-based surface smoothing mortars, ready-to-use putties, plaster, mastic, acrylic-polyurethane materials, etc.) for the tasks of surface smoothing according to the surface condition before primer.	B.3.2	1.3	T1
INFO. 12	Explains how to measure the humidity rate of the wood on wooden surfaces.	B.3.3	1.3	T1
INFO. 13	Explains whether the wood will be applied according to its humidity rate.	B.3.3	1.3	T1
INFO. 14	Explains how the wood should be protected from the inside by using wood preservatives on wooden surfaces.	B.3.4	1.3	T1
INFO. 15	Explains the terms of use in the technical specifications, packaging and labels of the products.	B.4.1	1.4	T1
INFO. 16	Explains how to use product application materials and equipment (such as brushes, rollers, and sprayers).	B.4.2	1.4	T1
INFO. 17	Explains what to do for sockets and electrical switches after taking the necessary precautions before and after painting.	B.5.1 D.4.1	1.4 3.4.	T1

No.	Knowledge Statement	NOS-Related Department	Qualification on Unit Performance Criteria:	Assessment Tools
INFO. 18	Explains how to protect items and areas that will not be painted (doors, windows, etc.).	B.5.2	1.4	T1
INFO. 19	Explains how to clean the tools, instruments and equipment to be used before/after paint application.	B.5.3	1.4	T1
INFO. 20	Explains the drying time of the primer in the technical specifications before starting the putting task.	C.2.1	2.1	T1
INFO. 21	Explains how to prepare the paste according to the instructions for use in the technical specifications.	C.2.2	2.1	T1
INFO. 22	Explains how to apply the paste to the surface with a spatula or trowel.	C.2.2	2.1	T1
INFO. 23	Explains how to perform the sanding task after putty application.	C.3.3	2.2	T1
INFO. 24	Explains the first task to be performed after sanding.	C.3.3	2.3	T1
INFO. 25	Explains what should be done to the area to be painted/varnished with the help of a trowel, spatula or sprayer.	C.1.1	2.4.	T1
INFO. 26	Explains how to make the primers selected according to the surfaces ready for use according to the technical instructions for use.	C.1.2	2.4.	T1
INFO. 27	Explains how to apply the primer task with equipment according to the technical instructions for use.	C.1.3	2.4.	T1
INFO. 28	Explains the drying time of the primer, taking into account the technical specifications.	C.1.4	2.4.	T1
INFO. 29	Explains how to apply the paint/varnish selected according to the environment and climatic conditions on the surface in accordance with the instructions for use.	C.3.1	2.5.	T1
INFO. 30	Explains how to apply the first coat of prepared paint/varnish.	C.3.2	2.5.	T1
INFO. 31	Explains the drying time specified in the technical instructions for use.	C.3.2	2.5.	T1
INFO. 32	Explains whether sanding should be done according to the need after the first layer has dried.	C.3.3	2.5.	T1
INFO. 33	Explains how to apply the second or third coat of paint/varnish if necessary.	C.3.4 C.3.5	2.5.	T1
INFO. 34	Explains how to apply epoxy paint on (concrete) floors.	C.3.6	2.5.	T1
INFO. 35	Explains which materials should be used to preserve the natural structure and appearance of wood.	C.3.7	2.5.	T1
INFO. 36	Explains the controls to be made on the surface.	D.1.1	3.1.	T1
INFO. 37	Explains whether the employer's request has been fulfilled.	D.1.2	3.1.	T1
INFO. 38	Explains what kind of task should be performed on the defective parts remaining on the surfaces after painting.	D.2.1	3.2.	T1

INFO. 39	Explains how to clean the surface according to the paint material used.	D.3.1	3.3.	T1
INFO. 40	Explains how to remove paper masking tapes without damaging the painted/varnished surface.	D.5.1	3.5.	T1
No.	Knowledge Statement	NOS-Related Department	Qualification on Unit Performance Criteria:	Assessment Tools
INFO. 41	Explains how to dispose of wastes.	A.5.2	3.6.	T1
INFO. 42	Explains how to sort and store the waste that needs to be recycled.	A.5.1	3.6.	T1

b) SKILLS AND COMPETENCIES

No.	Statement of Skills and Competencies	NOS-Related Department	Qualification on Unit Performance Criteria	Assessment Tool
SC.1	Checks the surface.	B.1.1	1.1	P1
SC.2	Decides the tasks to be performed according to the characteristics of the surface.	B.1.1	1.1	P1
SC.3	Cleans burrs, weld marks and rust on metal surfaces by mechanical and/or chemical means.	B.1.3 B.2.5	1.2	P1
SC.4	Purifies snags and excess resin on wooden surfaces with blowtorch or impregnation.	B.1.4	1.1	P1
SC.5	Cleans surfaces from dust, dirt, oil, mold.	B.2.1	1.2	P1
SC.6	Performs surface cleaning with scraping, grinding, sanding, wire brush, pressurized water, construction chemicals and sandblasting, etc. methods before putting, depending on the condition of the floor.	B.2.2	1.2	P1
SC.7	Separates loose and not-self-supporting layers (old painted, plastered surfaces) from the surface.	B.2.3	1.2	P1
SC.8	Builds the simple scaffolding required by the task and dismantles them at the end of the task, if necessary.	B.3.1	1.3	P1
SC.9	Prepares the suitable material for surface smoothing tasks before priming according to the surface condition.	B.3.2	1.3	P1
SC.10	Prepares product application materials and equipment (such as brushes, rollers, and sprayers).	B.4.2	1.4	P1
SC.11	Covers items and areas that will not be painted (doors, windows, baseboards) with paper masking tape and/or protective cover.	B.5.2	1.4	P1
SC.12	Prepares the putty according to the instructions for use in the technical specifications.	C.2.2	2.1	P1
SC.13	Apply the putty to the surface with a spatula or trowel.	C.2.2	2.1	P1
SC.14	Performs sanding task with appropriate sandpaper after the waiting period in the technical specification is completed following the putty application.	C.3.3	2.2	P1
SC.15	Cleans the surface after the sanding task.	C.3.3	2.3	P1
SC.16	Retouches the area to be painted/varnished with the	C.1.1	2.4.	P1

	help of a trowel, spatula or sprayer.			
SC.17	Prepares the selected primers according to the technical instructions for use.	C.1.2	2.4.	P1
SC.18	Performs the primer task with auxiliary tools such as brushes, rollers and sprayers according to the technical instructions for use.	C.1.3	2.4.	P1
No.	Knowledge Statement	NOS-Related Department	Qualification Unit Performance Criteria:	Assessment Tools
SC.19	Prepares the paint/varnish selected in accordance with the surface, environment and climatic conditions in accordance with the instructions for use.	C.3.1	2.5.	P1
SC.20	Applies the prepared paint/varnish as the first coat.	C.3.2	2.5.	P1
SC.21	Leaves it to dry for the time specified in the technical instructions for use.	C.3.2	2.5.	P1
SC.22	Makes sanding if necessary depending on the condition of the surface after the first coat dries.	C.3.3	2.5.	P1
SC.23	Visually and manually controls the surface.	D.1.1	3.1.	P1
SC.24	Cleans the surface with the help of a damp cloth, spatula or thinner according to the paint used.	D.3.1	3.3.	P1
SC.25	Removes paper masking tapes without damaging the painted/varnished surface.	D.5.1	3.5.	P1
SC.26	Cleans the tools, instruments and equipment to be used.	B.5.3	1.4	P1

QUALIFICATION ANNEXES

ANNEX 1: Qualification Units

11UY0023–3/A1 Occupational Health and Safety, and Work Organization

11UY0023–3/A2 General Occupational Knowledge and Application Skills in Construction Painter Occupation

ANNEX2: Terms, Symbols and Abbreviations

FLOWING: The downward movement of the paint film,

ACRYLIC - POLYURETHANE: Synthetic polymers used to produce high-performance solvent or water-based acrylic paints using acrylic monomers,

PRIMER: Coats or paints that are applied before the topcoat paint, help in preparing the surface suitable for the topcoat paint, and increase the adhesion of the topcoat paint,

BINDER: Chemical combinations that determine the strength of the paint, ensure its adhesion to the applied surface and determine the name of the paint,

PAINT REMOVER: Chemical substances that soften and allow easy separation from the surface when applied to dried paint and varnish films,

EPOXY PAINT: Paint with epoxy resin, resistant to water, chemicals, friction and abrasion,

FILM: The layer formed by a substance in a completely homogeneous and continuous state,

FUNGUS: Fungi that form on surfaces due to humid environments,

HOMOGENEITY: Having an equal distribution everywhere,

INSULATION: The task performed to prevent the effects of factors such as heat, sound, water, fire, electricity, abrasion, and humidity on a substance or structure,

BLISTERING: Paint film deformation that is usually caused by heat, humidity, thick and incorrect applications,

CRUSTING: Drying the top layer of paint or varnish in the package to form a thick or thin film,

DESORPTION (BLEEDING): Rising of the color on the lower film to the upper layer and creating a wavy appearance on the surface when another color is applied on a colored paint film,

PITTING: Deformation in the form of wrinkling and shrinking on the surface as a result of high temperature, high air pressure, excessively thick application, and insufficient waiting time between coats in thick applications in high humidity and hot environments, as well as in paint and varnish applications usually made with a spray gun,

PERSONAL PROTECTIVE EQUIPMENT(PPE): All tools, equipment, instruments, and devices that are either worn, put on, or held and that are specifically designed to protect the workers against one or multiple risks which may arise during work or which may affect their health and safety,

RUSTING: Electrochemical change that occurs when the metal reacts with one or more substances (water-air) on a metal surface by staying in contact for a long time,

CORROSION: Material properties being affected by ambient conditions and adversely affected as a result of chemical reactions,

SANDBLASTING: A form of surface cleaning (the removal of old paint, rust, etc. impurities on the surface by throwing fine hard particles under pressure to the surface to be cleaned. The application of this task on metal surfaces is called sandblasting, to wall surfaces is called grinding, and to metal and wooden surfaces is called sanding).

LACQUER: The term used for covering paint application in furniture painting,

PUTTY: A kind of chemical product that is used to fill cracks, crevices, holes and similar places that distort the surface appearance, and become a mass by hardening where it is applied,

SEALANT: A kind of elastic, plastering and coating material in a paste-like consistency, used at joints for insulation purposes,

MODIFICATION: The reinforcement made in order to achieve the desired performance and result,

COTTONIZING: The moisture coming from the bottom surface deteriorates the paint surface over time and the paint film looks loose, blistered and dusty, especially in water-based paints,

POLYURETHANE PAINT: Polymers using aliphatic or aromatic isocyanate monomers that increase flexibility, abrasion and impact resistance, adhesion strength, mechanical strength and gloss against external conditions (water and humidity),

ORANGE PEELING: A kind of surface defect that is rough in appearance and similar to the surface of an orange peel,

SOLID: The layer that is divided into two as volumetric solid or weight solid and remains after drying on the surface where paints and varnishes are applied,

SOLVENT: Thinning agent,

SOLVENT-BASED PAINT: Paint with a solvent thinner.

FADING: The change of light or temperature in the form of lightening in paint color over time,

TOP COAT: Paint or varnish applied as the top coat for decorative and protective purposes,

PEELING: Peeling off and spilling of the paint from the applied surfaces in various ways,

THINNER: Thinners consisting of solvent mixtures,

DUST COLLECTION DRYING: The drying phase that has become dust-free on the surface,

VARNISH: The term used for transparent organic coating materials.

ANNEX 3: Horizontal and Vertical Progression Paths in the Occupation

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ANNEX 4: Evaluator Criteria

Within the scope of the Vocational Qualifications System, the evaluator must fulfill at least one of the following alternatives:

- Being a lecturer in the relevant field,
- Having worked as an engineer or technical teacher for at least 5 years in Construction Painting works,
- Having worked as a technician in the field of Construction Painting for at least 7 years,

- Having graduated from vocational high school and having worked in Construction Painting for at least 10 years,
- Having a VQA Vocational Qualification Certificate and having worked in Construction Painting for at least 10 years, provided that it is in accordance with the current legislation.

Evaluators, who at least have one of the above-mentioned characteristics and who will participate in the assessment and evaluation process, should be trained in the vocational qualification system, relevant national qualification(s), relevant national occupational standard(s), assessment and evaluation and quality assurance in assessment and evaluation by institutions authorized in the relevant field.