

Republic of the Philippines
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY
East Service Road, South Luzon Expressway, Taguig City

124th TESDA BOARD MEETING
13 October 2020, Tuesday, 2:00 p.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 44
(Page 1 of 4 pages)

**APPROVING AND PROMULGATING THE AMENDED TRAINING REGULATIONS
FOR AUTOMOTIVE BODY PAINTING/FINISHING NC II *to* AUTOMOTIVE
PAINTING NC II**

WHEREAS, TESDA Board Resolution No. 2004-20 was issued "Approving and Promulgating the Training Regulations for Automotive Body Painting/Finishing NC II" last 09 December 2004 during the 44th TESDA Board Meeting;

WHEREAS, it is the policy of TESDA to review after three (3) years any Training Regulations (TRs) promulgated by the TESDA Board;

WHEREAS, there is a need to review the existing Training Regulations in view of the developments in technology and current trends and practices in the industry;

WHEREAS, the **Chamber of Automotive Manufacturers of the Philippines, Inc. (CAMPI)** with the assistance of Qualifications and Standards Office (QSO) of TESDA has reviewed the existing Training Regulations for Automotive Body Painting/Finishing NC II *retitled to Automotive Painting NC II* to respond to the current skills requirements of the industry with its new technologies and industry manpower set-up and recommended amendments;

WHEREAS, the industry experts and partners, headed by the **President of the Chamber of Automotive Manufacturers of the Philippines, Inc. (CAMPI)**, with the technical assistance of the Qualifications and Standards Office (QSO) of TESDA endorsed the proposed revisions of the foregoing Training Regulations;

WHEREAS, during the 127th Standards-Setting and Systems Development (SSSD) Committee Meeting held on 10 September 2020, the Committee deliberated upon and agreed to favorably recommend the approval and promulgation of the Training Regulations for Automotive Painting NC II as attached in Annex "A" and made an integral part of this Resolution;

Republic of the Philippines
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY
East Service Road, South Luzon Expressway, Taguig City

124th TESDA BOARD MEETING
13 October 2020, Tuesday, 2:00 p.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 44
(Page 2 of 4 pages)

**APPROVING AND PROMULGATING THE AMENDED TRAINING REGULATIONS
FOR AUTOMOTIVE BODY PAINTING/FINISHING NC II to AUTOMOTIVE
PAINTING NC II**

WHEREAS, on the basis of the justification given, the Committee further agreed to remove the Automotive Painting NCI from the list of TVET offerings on the basis of Philippine Qualification Framework (PQF) descriptor;

WHEREAS, during the 124th TESDA Board Meeting on 13 October 2020, the TESDA Board deliberated and considered the proposed Training Regulations for Automotive Painting NC II;

NOW, THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED, that the aforementioned Training Regulations for Automotive Painting NC II as herein appended are hereby approved and promulgated;

BE IT RESOLVED, FINALLY, that:

(1) Copies of this Resolution and the abovementioned Training Regulations be published in the Official Gazette or in a newspaper of general circulation, and disseminated to all concerned, and the same shall be effective fifteen (15) days upon publication;

(2) All programs registered under the current Automotive Body Painting/Finishing NC II must comply with the requirements of the abovementioned Training Regulations. The one-year period of re-registration under this Training Regulations shall commence on the date of effectivity as indicated in the Implementing Guidelines/ TESDA Circular for the deployment of the Training Regulations to be issued by the TESDA Secretariat; and

(3) Graduates of TVET programs covered by the aforementioned Training Regulations shall be required to undergo mandatory assessment under the national assessment and certification program.

Adopted this 13th day of October 2020.



Republic of the Philippines
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY
East Service Road, South Luzon Expressway, Taguig City

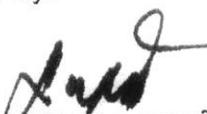
124th TESDA BOARD MEETING
13 October 2020, Tuesday, 2:00 p.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 44
(Page 3 of 4 pages)

**APPROVING AND PROMULGATING THE AMENDED TRAINING REGULATIONS
FOR AUTOMOTIVE BODY PAINTING/FINISHING NC II to AUTOMOTIVE
PAINTING NC II**


ATTY. MARICHELLE D. DE GUZMAN
Board Secretary VI

Attested by:


SEC. ISIDRO S LAPEÑA, PhD, CSEE
Designated Chairperson, TESDA Board
Director General, TESDA

(Original Signed)
USEC. RENATO L. EBARLE
Department of Labor and Employment

(Original Signed)
USEC. DIOSDADO M. SAN ANTONIO
Department of Education

(Original Signed)
USEC. EPIMACO V. DENSING III
Department of Interior and Local
Government

(Original Signed)
USEC. BRENDA L. NAZARETH-MANZANO
Department of Science and Technology

(Original Signed)
MR. ISIDRO ANTONIO C. ASPER
Board Member, Labor Sector

(Original Signed)
MR. RENE LUIS M TADLE
Board Member, Labor Sector

Republic of the Philippines
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY
East Service Road, South Luzon Expressway, Taguig City

124th TESDA BOARD MEETING
13 October 2020, Tuesday, 2:00 p.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 44
(Page 4 of 4 pages)

**APPROVING AND PROMULGATING THE AMENDED TRAINING REGULATIONS
FOR AUTOMOTIVE BODY PAINTING/FINISHING NC II *to* AUTOMOTIVE
PAINTING NC II**

(Original Signed)

MR. RAMON R. DE LEON
Board Member, Labor Sector

(Original Signed)

MR. ROGELIO J. CHAVEZ, JR.
Board Member, Labor Sector

(Original Signed)

DR. LEONIDA BAYANI-ORTIZ
Board Member, Employer Sector

(Original Signed)

PROF. RANDOLPH I. NONATO
Board Member, Employer Sector

(Original Signed)

ARTURO M. MILAN
Board Member, Business & Investment
Sector

(Original Signed)

MS. MARY G. NG
Board Member, Business & Investment
Sector

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
Qualification Title	
Automotive Body Painting/Finishing NC II	Automotive Painting NC II
SECTION 1 – Definition of the Qualification	
The AUTOMOTIVE BODY PAINTING/ FINISHING NC II Qualification consists of competencies that a person must achieve to restore damaged or change undamaged automotive body or panel paints. Automotive painting includes any land based motor vehicles such as automobiles, trucks, buses vehicle body panels and parts including big bikes or motorcycles that have been repaired or assembled or those vehicles that have lost their luster. It involves putty application, color-matching and paint repair procedures utilizing two-stage paint technology.	The AUTOMOTIVE PAINTING NC II Qualification consists of competencies that a person must achieve to remove paint from vehicle painted surfaces, prepare vehicle substrates for refinishing, mask vehicle panels and components, apply refinishing primers to vehicle surfaces, repair body panel, apply surfacer to vehicle surfaces and prepare and operate vehicle paint drying equipment.
Job Title	
<ul style="list-style-type: none"> • Automotive painter (two stage painting) • Automotive paint refinisher (2-stage painting) 	<ul style="list-style-type: none"> • Automotive Body Painting Personnel • Automotive Body Paint Refinishing Technician
SECTION 2: Competency Standards	
<u>Basic Competencies</u>	<u>Basic Competencies</u>
<ol style="list-style-type: none"> 1. Participate in Workplace Communication 2. Work in Team Environment 3. Practice Career Professionalism 4. Practice Occupational Health and Safety Procedures 	<ol style="list-style-type: none"> 1. Participate in workplace communication 2. Work in team environment 3. Solve/address general workplace problems 4. Develop career and life decisions 5. Contribute to workplace innovation 6. Present relevant information 7. Practice occupational safety and health policies and procedures 8. Exercise efficient and effective sustainable practices in the workplace 9. Practice entrepreneurial skills in the workplace
<u>Common Competencies</u>	<u>Common Competencies</u>
<ol style="list-style-type: none"> 1. Apply appropriate sealant/adhesive 2. Move and position vehicle 3. Perform mensuration and calculation 4. Read, interpret and apply specifications and manuals 5. Use and apply lubricants/coolants 6. Perform shop maintenance 	<ol style="list-style-type: none"> 1. Validate vehicle specification 2. Move and position vehicle 3. Utilize automotive tools 4. Perform mensuration and calculation 5. Utilize workshop facilities and equipment 6. Prepare servicing parts and consumables 7. Prepare vehicle for servicing and releasing

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
<p><u>Core Competencies</u></p> <ol style="list-style-type: none"> 1. Assess Auto Paint Jobs 2. Prepare Undamaged Surface for Painting 3. Prepare Damaged Surface for Painting 4. Apply and Remove Masking 5. Spray Solid Color Paints 6. Repair Solid Color Paints 7. Perform Polishing 8. Perform Solid/Metallic Color Mixing 9. Spray Metallic Color Paint 10. Repair Metallic Color Paints 	<p><u>Core Competencies</u></p> <ol style="list-style-type: none"> 1. Diagnose and repair drive lines 2. Diagnose and repair clutch system 3. Diagnose and overhaul manual transmission/transaxle 4. Diagnose and overhaul differential 5. Diagnose and repair brake system 6. Diagnose and repair steering system 7. Diagnose and repair suspension system
SECTION 3: Training Standards	
<p>3.1 Curriculum Design:</p> <p>Nominal Training Hours:</p> <p style="padding-left: 40px;">18 Hours (Basic Competencies)</p> <p style="padding-left: 40px;">20 Hours (Common Competencies)</p> <p style="padding-left: 40px;"><u>120 Hours</u> (Core Competencies)</p> <p style="padding-left: 40px;">158 Hours</p>	<p>Nominal Training Duration:</p> <p style="padding-left: 40px;">37 Hours (Basic Competencies)</p> <p style="padding-left: 40px;">162 Hours (Common Competencies)</p> <p style="padding-left: 40px;"><u>425</u> Hours (Core Competencies)</p> <p style="padding-left: 40px;">624</p> <p style="padding-left: 40px;">475 SIL</p> <p style="padding-left: 40px;">1,099 TOTAL HOURS</p>
<p><u>Course Description</u></p> <p>This course is designed to enhance the knowledge, skills and attitudes of an individual in the field of automotive body paint refinishing in accordance with industry standards. It covers core competencies such as: assess automotive painting jobs; prepare undamaged and damaged surface for painting, apply masking, perform solid and metallic color mixing; spray solid color paint, spray metallic color paint; and repair solid color paints, and perform polishing.</p>	<p>This course is designed to enhance the knowledge, skills and attitudes of an individual in the field of automotive painting in accordance with industry standards. It covers specialized competencies such as removing paint from vehicle painted surfaces, preparing panel for refinishing, masking vehicle panels and components, applying primer surfacer, repairing body panel using filler, preparing and operating vehicle paint drying equipment, spraying solid color paint, and polishing.</p> <p>Upon completion of the course, the learners are expected to demonstrate the above-mentioned competencies to be employed. To obtain this, all units prescribed for this qualification must be achieve.</p>

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
<p>3.2 Training Delivery</p> <p>The delivery of training should adhere to the design of the curriculum. Delivery should be guided by the 10 basic principles of competency-based TVET.</p> <ul style="list-style-type: none"> • The training is based on curriculum developed from the competency standards; • Learning is modular in its structure; • Training delivery is individualized and self-paced; • Training is based on work that must be performed; • Training materials are directly related to the competency standards and the curriculum modules; • Assessment is based in the collection of evidence of the performance of work to the industry required standard; • Training is based both on and off-the-job components; • Allows for recognition of prior learning (RPL) or current competencies; • Training allows for multiple entry and exit; and • Approved training programs are nationally accredited. <p>The competency-based TVET system recognizes various types of delivery modes, both on and off-the-job as long as the learning is driven by the competency standards specified by the industry. The following training modalities may be adopted when designing training programs:</p> <ul style="list-style-type: none"> • The dualized mode of training delivery is preferred and recommended. Thus programs would contain both in-school and in-industry training or fieldwork components. Details can be referred to the Practical Application System (DTS) Implementing Rules and Regulations. • Modular/self-paced learning is a competency-based training modality wherein the trainee is allowed to progress at his own pace. The trainer facilitates the training delivery • Peer teaching/mentoring is a training modality wherein fast learners are given the opportunity to assist the slow learners. 	<p>1. The delivery of training shall adhere to the design of the curriculum. Delivery shall be guided by the principles of competency-based TVET.</p> <ol style="list-style-type: none"> a. Course design is based on competency standards set by the industry or recognized industry sector; (Learning system is driven by competencies written to industry standards) b. Training delivery is learner-centered and should accommodate individualized and self-paced learning strategies; c. Training can be done on an actual workplace setting, simulation of a workplace and/or through adoption of modern technology. d. Assessment is based in the collection of evidence of the performance of work to the industry required standards; e. Assessment of competency takes the trainee's knowledge and attitude into account but requires evidence of actual performance of the competency as the primary source of evidence. f. Training program allows for recognition of prior learning (RPL) or current competencies; g. Training completion is based on satisfactory performance of all specified competencies. <p>2. The competency-based TVET system recognizes various types of delivery modes, both on-and off-the-job as long as the learning is driven by the competency standards specified by the industry. The following training modalities and their variations/components may be adopted singly or in combination with other modalities when designing and delivering training programs:</p> <p>2.1 School/Institution- Based:</p> <ul style="list-style-type: none"> • Dual Training System (DTS)/Dualized Training Program (DTP) which contain both in-school and in-industry training

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
<ul style="list-style-type: none"> • Supervised industry training or on-the-job training is an approach in training designed to enhance the knowledge and skills of the trainee through actual experience in the workplace to acquire specific competencies prescribed in the training regulations. • Distance learning is a formal education process in which majority of the instruction occurs when the students and instructor are not in the same place. Distance learning may employ correspondence study, or audio, video or computer technologies. 	<p>or fieldwork components. Details can be referred to the Implementing Rules and Regulations of the DTS Law and the TESDA Guidelines on the DTP;</p> <ul style="list-style-type: none"> • Distance learning is a formal education process in which majority of the instruction occurs when the students and instructor are not in the same place. Distance learning may employ correspondence study, audio, video, computer technologies or other modern technology that can be used to facilitate learning and formal and non-formal training. Specific guidelines on this mode shall be issued by the TESDA Secretariat. • Supervised Industry Training (SIT) or on-the-job training (OJT) is an approach in training designed to enhance the knowledge and skills of the trainee through actual experience in the workplace to acquire specific competencies as prescribed in the training regulations. It is imperative that the deployment of trainees in the workplace is adhered to training programs agreed by the institution and enterprise and status and progress of trainees are closely monitored by the training institutions to prevent opportunity for work exploitation. • The classroom-based or in-center instruction uses of learner-centered methods as well as laboratory or field-work components.

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
	<p>2.2 Enterprise-Based:</p> <ul style="list-style-type: none"> • Formal Apprenticeship – Training within employment involving a contract between an apprentice and an enterprise on an approved apprenticeable occupation. • Informal Apprenticeship - is based on a training (and working) agreement between an apprentice and a master craftsman wherein the agreement may be written or oral and the master craftsman commits to training the apprentice in all the skills relevant to his or her trade over a significant period of time, usually between one and four years, while the apprentice commits to contributing productively to the work of the business. Training is integrated into the production process and apprentices learn by working alongside the experienced craftsman. • Enterprise-based Training- where training is implemented within the company in accordance with the requirements of the specific company. Specific guidelines on this mode shall be issued by the TESDA Secretariat. <p>2.3 Community-Based – short term program conducted by non-government organizations (NGOs), LGUs, training centers and other TVET providers which are intended to address the specific needs of a community. Such programs can be conducted in informal settings such as barangay hall, basketball courts, etc. These programs can also be mobile training program (MTP).</p>
3.3 Trainee Entry Requirements	
<p>Trainees or students should possess the following requirements:</p> <ul style="list-style-type: none"> • can communicate both oral and written; • can perform basic mathematical computation. 	<p>Trainees or students who would like to enroll in this program must possess the following requirements:</p> <ul style="list-style-type: none"> • *Must be holder of Automotive Servicing

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
<p>This list does not include specific institutional requirements such as educational attainment, appropriate work experience, and others that may be required of the trainees by the school or training center delivering the TVET program.</p>	<p>NC I</p> <ul style="list-style-type: none"> • Basic communication skills • Basic mathematical skills <p>This list does not include specific institutional requirements such as educational attainment, appropriate work experience, and others that may be required of the trainees by the school or training center delivering the TVET program.</p> <p>Note: *National Certification in Automotive Servicing NC I can be obtained through direct assessment applying the principle of recognition of prior learning (RPL).</p>

3.4 List of Tools, Equipment and Materials

Recommended list of tools, equipment and materials for the training of 25 trainees for Automotive Body Painting/ Finishing – NC II

TOOLS		EQUIPMENT		MATERIALS	
QTY		QTY		QTY	
6 pairs	• Putty knife	1 unit	• Sander (single action) w/ vacuum pump	25 pcs.	• Sandpaper #120
4 pcs.	• Scraper			25 pcs.	• Sandpaper #180
2 pcs.	• Spatula	1 unit	• Sander (dual action) or orbital sander	25 ltrs	• Paint remover
2 sets	• Screw driver			10 ltrs	• Degreaser
2 sets	• Wrench (socket)	1 unit	• Air compressor	10 ltrs	• Thinner
2 sets	• Wrench (combination)	1 unit	• Spray gun (complete accessories)	10 ltrs	• Surfacer
				10 ltrs	• Sealant
1 pc	• Impact wrench			10 sets	• Masking materials
2 sets	• Mechanic's hammer			10 ltrs	• Wash primer
25 pcs.	• Goggle			10 ltrs	• Epoxy primer
25 pairs	• Glove			10 ltrs	• Urethane primer
25 pcs.	• Dust mask			10 ltrs	• Acrylic primer
2 pcs.	• Gas mask			1 liter	• Penetrating oil
25 pairs	• Safety shoes				
25 pcs.	• Shop uniform				
2 sets	• S.S.T.				

AUTOMOTIVE PAINTING NC II

Recommended list of tools, equipment and materials for the training of 20 trainees for Automotive Painting NC II.

Up-to-date tools, materials, and equipment of equivalent functions can be used as alternatives. This also applies in consideration of community practices and their availability in the local market.

A. FULL QUALIFICATION

TOOLS	
QTY	DESCRIPTION
2 sets	Standard technician hand tools (mechanical)
2 pcs.	Single-action sander
2 pcs.	Double-action sander
20 pcs	Hand Sanding block
20 pcs	Spatula, plastic, 2"
20 pcs	Spatula, plastic, 3"
20 pcs	Mixing plate, A4 size
20 pcs	Paint brush, 1"
4 pcs	Cleaning cup, 600ml
4 pcs	Cleaning tray, 12" x 20" x 3"
4 pcs	Air duster gun
20 pcs	Mixing stick
4 pcs	Mixing ratio stick
4 pcs	Steel ruler, 12"
4 pcs	Calculator, non-scientific
4 sets	Measuring cups (small, medium, and large)

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)																																																																																																																														
	<table border="1"> <thead> <tr> <th colspan="2">EQUIPMENT</th> </tr> <tr> <th>QTY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>1 unit</td><td>Air compressor, 2 hp</td></tr> <tr><td>2 pcs</td><td>Air pressure gauge</td></tr> <tr><td>2 units</td><td>Spray gun</td></tr> <tr><td>2 units</td><td>Filter regulator</td></tr> <tr><td>2 pcs</td><td>Air hose reel</td></tr> <tr><td>2 units</td><td>Dust collector (for orbital sander)</td></tr> <tr><td>1 unit</td><td>Sander, single action</td></tr> <tr><td>1 unit</td><td>Sander, dual action</td></tr> <tr><td>1 unit</td><td>Spray booth, standard size</td></tr> <tr><td>2 units</td><td>Masking paper dispenser</td></tr> <tr><td>1 unit</td><td>Infrared lamp</td></tr> <tr><td>2 units</td><td>Weighing scale, 1,000g capacity</td></tr> <tr><td>2 units</td><td>Buffing Machine</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">MATERIALS</th> </tr> <tr> <th>QTY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>1 box</td><td>Sand paper #80</td></tr> <tr><td>1 box</td><td>Sand paper#120</td></tr> <tr><td>1 box</td><td>Sand paper #180</td></tr> <tr><td>1 box</td><td>Sand paper #240</td></tr> <tr><td>1 box</td><td>Sand paper #320</td></tr> <tr><td>1 box</td><td>Sand paper #400</td></tr> <tr><td>1 box</td><td>Sand paper #600</td></tr> <tr><td>1 box</td><td>Sand paper #1500</td></tr> <tr><td>1 box</td><td>Sand paper #2000</td></tr> <tr><td>1 unit</td><td>Body shell</td></tr> <tr><td>50 pcs</td><td>Paint strainer stand</td></tr> <tr><td>4 gal</td><td>Putty</td></tr> <tr><td>4 L</td><td>Etching primer</td></tr> <tr><td>4 L</td><td>Primer with hardener for metals</td></tr> <tr><td>8 L</td><td>Primer surfacer</td></tr> <tr><td>10 L</td><td>Primer surfacer reducer</td></tr> <tr><td>2 L</td><td>Primer surfacer hardener</td></tr> <tr><td>1 can</td><td>Degreaser, 20L/can</td></tr> <tr><td>8 gal</td><td>Washing thinner</td></tr> <tr><td>24 roll</td><td>Masking tape 1"</td></tr> <tr><td>2 rolls</td><td>Masking paper</td></tr> <tr><td>20 pcs</td><td>Training panel</td></tr> <tr><td>10kg</td><td>White rags</td></tr> <tr><td>20 pc</td><td>Paint strainer</td></tr> <tr><td>20 pc</td><td>Filter (cartridge)</td></tr> <tr><td>5 pc</td><td>Paint brush 1"</td></tr> <tr><td>2 boxes</td><td>Paper towel</td></tr> <tr><td>6 L</td><td>Urethane Solid color Paint (2K) with Hardener/Catalyst</td></tr> <tr><td>6 L</td><td>Urethane Thinner</td></tr> <tr><td>2 L</td><td>Rubbing compound</td></tr> <tr><td>3 pc</td><td>Wool pad (for buffing machine)</td></tr> <tr><td>3 pc</td><td>Foam pad (for buffing machine)</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">MATERIALS</th> </tr> <tr> <th>QTY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>1 gallon</td><td>70% alcohol*</td></tr> <tr><td colspan="2">PPEs</td></tr> <tr><td>20 pc</td><td>Safety goggles</td></tr> <tr><td>1 box</td><td>Solvent resistant gloves</td></tr> <tr><td>10 pairs</td><td>Rubber gloves (cleaning)</td></tr> <tr><td>20 pairs</td><td>Cotton gloves</td></tr> <tr><td>20 pc</td><td>Gasmask pre-filter</td></tr> <tr><td>20 pc</td><td>Gas mask respirator</td></tr> <tr><td>1box</td><td>Dustmask</td></tr> <tr><td>20 pc</td><td>Apron</td></tr> <tr><td>20 pcs</td><td>Spray suit</td></tr> <tr><td>20 pcs</td><td>Face shield*</td></tr> </tbody> </table> <p>NOTE</p> <ol style="list-style-type: none"> Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies. Items with asterisk (*) will be required during the pandemic as mandated by the existing guidelines issued by the government in line with protection against virus and other infectious diseases for trainees and trainers 	EQUIPMENT		QTY	DESCRIPTION	1 unit	Air compressor, 2 hp	2 pcs	Air pressure gauge	2 units	Spray gun	2 units	Filter regulator	2 pcs	Air hose reel	2 units	Dust collector (for orbital sander)	1 unit	Sander, single action	1 unit	Sander, dual action	1 unit	Spray booth, standard size	2 units	Masking paper dispenser	1 unit	Infrared lamp	2 units	Weighing scale, 1,000g capacity	2 units	Buffing Machine	MATERIALS		QTY	DESCRIPTION	1 box	Sand paper #80	1 box	Sand paper#120	1 box	Sand paper #180	1 box	Sand paper #240	1 box	Sand paper #320	1 box	Sand paper #400	1 box	Sand paper #600	1 box	Sand paper #1500	1 box	Sand paper #2000	1 unit	Body shell	50 pcs	Paint strainer stand	4 gal	Putty	4 L	Etching primer	4 L	Primer with hardener for metals	8 L	Primer surfacer	10 L	Primer surfacer reducer	2 L	Primer surfacer hardener	1 can	Degreaser, 20L/can	8 gal	Washing thinner	24 roll	Masking tape 1"	2 rolls	Masking paper	20 pcs	Training panel	10kg	White rags	20 pc	Paint strainer	20 pc	Filter (cartridge)	5 pc	Paint brush 1"	2 boxes	Paper towel	6 L	Urethane Solid color Paint (2K) with Hardener/Catalyst	6 L	Urethane Thinner	2 L	Rubbing compound	3 pc	Wool pad (for buffing machine)	3 pc	Foam pad (for buffing machine)	MATERIALS		QTY	DESCRIPTION	1 gallon	70% alcohol*	PPEs		20 pc	Safety goggles	1 box	Solvent resistant gloves	10 pairs	Rubber gloves (cleaning)	20 pairs	Cotton gloves	20 pc	Gasmask pre-filter	20 pc	Gas mask respirator	1box	Dustmask	20 pc	Apron	20 pcs	Spray suit	20 pcs	Face shield*
EQUIPMENT																																																																																																																															
QTY	DESCRIPTION																																																																																																																														
1 unit	Air compressor, 2 hp																																																																																																																														
2 pcs	Air pressure gauge																																																																																																																														
2 units	Spray gun																																																																																																																														
2 units	Filter regulator																																																																																																																														
2 pcs	Air hose reel																																																																																																																														
2 units	Dust collector (for orbital sander)																																																																																																																														
1 unit	Sander, single action																																																																																																																														
1 unit	Sander, dual action																																																																																																																														
1 unit	Spray booth, standard size																																																																																																																														
2 units	Masking paper dispenser																																																																																																																														
1 unit	Infrared lamp																																																																																																																														
2 units	Weighing scale, 1,000g capacity																																																																																																																														
2 units	Buffing Machine																																																																																																																														
MATERIALS																																																																																																																															
QTY	DESCRIPTION																																																																																																																														
1 box	Sand paper #80																																																																																																																														
1 box	Sand paper#120																																																																																																																														
1 box	Sand paper #180																																																																																																																														
1 box	Sand paper #240																																																																																																																														
1 box	Sand paper #320																																																																																																																														
1 box	Sand paper #400																																																																																																																														
1 box	Sand paper #600																																																																																																																														
1 box	Sand paper #1500																																																																																																																														
1 box	Sand paper #2000																																																																																																																														
1 unit	Body shell																																																																																																																														
50 pcs	Paint strainer stand																																																																																																																														
4 gal	Putty																																																																																																																														
4 L	Etching primer																																																																																																																														
4 L	Primer with hardener for metals																																																																																																																														
8 L	Primer surfacer																																																																																																																														
10 L	Primer surfacer reducer																																																																																																																														
2 L	Primer surfacer hardener																																																																																																																														
1 can	Degreaser, 20L/can																																																																																																																														
8 gal	Washing thinner																																																																																																																														
24 roll	Masking tape 1"																																																																																																																														
2 rolls	Masking paper																																																																																																																														
20 pcs	Training panel																																																																																																																														
10kg	White rags																																																																																																																														
20 pc	Paint strainer																																																																																																																														
20 pc	Filter (cartridge)																																																																																																																														
5 pc	Paint brush 1"																																																																																																																														
2 boxes	Paper towel																																																																																																																														
6 L	Urethane Solid color Paint (2K) with Hardener/Catalyst																																																																																																																														
6 L	Urethane Thinner																																																																																																																														
2 L	Rubbing compound																																																																																																																														
3 pc	Wool pad (for buffing machine)																																																																																																																														
3 pc	Foam pad (for buffing machine)																																																																																																																														
MATERIALS																																																																																																																															
QTY	DESCRIPTION																																																																																																																														
1 gallon	70% alcohol*																																																																																																																														
PPEs																																																																																																																															
20 pc	Safety goggles																																																																																																																														
1 box	Solvent resistant gloves																																																																																																																														
10 pairs	Rubber gloves (cleaning)																																																																																																																														
20 pairs	Cotton gloves																																																																																																																														
20 pc	Gasmask pre-filter																																																																																																																														
20 pc	Gas mask respirator																																																																																																																														
1box	Dustmask																																																																																																																														
20 pc	Apron																																																																																																																														
20 pcs	Spray suit																																																																																																																														
20 pcs	Face shield*																																																																																																																														
3.5 Training Facilities																																																																																																																															

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE PAINTING NC II

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)																																																																																
<p>The workshop must be made of reinforced concrete or steel structure. The size must be suited on the requirements of the competencies. The facility should accommodate a minimum of 25 students/trainees.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">SPACE REQUIREMENT</th> <th style="text-align: center;">SIZE IN METERS</th> <th style="text-align: center;">AREA IN SQ. METERS</th> <th style="text-align: center;">TOTAL AREA IN SQ. METERS</th> </tr> </thead> <tbody> <tr> <td colspan="4">Workshop Component Areas</td> </tr> <tr> <td>• Laboratory/Workshop Area</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">100.00</td> </tr> <tr> <td>• Lecture Room</td> <td style="text-align: center;">5.00 x 5.00</td> <td style="text-align: center;">25.00</td> <td style="text-align: center;">25.00</td> </tr> <tr> <td>• Tool, Supply & Storage Room</td> <td style="text-align: center;">3.00 X 3.00</td> <td style="text-align: center;">9.00</td> <td style="text-align: center;">9.00</td> </tr> <tr> <td>• Learning Resource Center</td> <td style="text-align: center;">2.00 x 5.00</td> <td style="text-align: center;">10.00</td> <td style="text-align: center;">10.00</td> </tr> <tr> <td>• Wash Room and Toilet</td> <td style="text-align: center;">2.00 X 5.00</td> <td style="text-align: center;">10.00</td> <td style="text-align: center;">10.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total (Workshop Component)</td> <td style="text-align: center;">154.00</td> </tr> <tr> <td colspan="3">• Circulation Area (30% of Workshop Component Space)</td> <td style="text-align: center;">40.00</td> </tr> <tr> <td colspan="3">Grand Total (Building Space)</td> <td style="text-align: center;">194.00</td> </tr> </tbody> </table> <p><i>Note: The entries in the size in meters column are recommendations only. The grand total (building space) is the minimum space requirement for registration.</i></p>	SPACE REQUIREMENT	SIZE IN METERS	AREA IN SQ. METERS	TOTAL AREA IN SQ. METERS	Workshop Component Areas				• Laboratory/Workshop Area	-	-	100.00	• Lecture Room	5.00 x 5.00	25.00	25.00	• Tool, Supply & Storage Room	3.00 X 3.00	9.00	9.00	• Learning Resource Center	2.00 x 5.00	10.00	10.00	• Wash Room and Toilet	2.00 X 5.00	10.00	10.00	Total (Workshop Component)			154.00	• Circulation Area (30% of Workshop Component Space)			40.00	Grand Total (Building Space)			194.00	<p style="text-align: center;">AUTOMOTIVE PAINTING II</p> <p>Based on a class intake of 20 learners/trainees.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">SPACE REQUIREMENT</th> <th style="text-align: center;">SIZE IN METERS</th> <th style="text-align: center;">AREA IN SQ. METERS</th> <th style="text-align: center;">GRAND TOTAL AREA IN SQ. METERS</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: right;">A. Building (permanent)</td> </tr> <tr> <td>Lecture Room</td> <td style="text-align: center;">6x6</td> <td style="text-align: center;">36</td> <td style="text-align: center;">36</td> </tr> <tr> <td colspan="4">Laboratory/Workshop Area</td> </tr> <tr> <td>• Spray booth with air movement systems/ventilation system</td> <td style="text-align: center;">5x8</td> <td style="text-align: center;">40</td> <td style="text-align: center;">40</td> </tr> <tr> <td>• Surface Preparation Stall and drying stall</td> <td style="text-align: center;">4x7</td> <td style="text-align: center;">28</td> <td style="text-align: center;">28</td> </tr> <tr> <td>Tool room & S/M storage area</td> <td></td> <td style="text-align: center;">20</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Learning resource area</td> <td style="text-align: center;">4x6</td> <td style="text-align: center;">24</td> <td style="text-align: center;">24</td> </tr> <tr> <td>Wash area/comfort room (male & female)</td> <td></td> <td style="text-align: center;">10</td> <td style="text-align: center;">10</td> </tr> <tr> <td colspan="3">TOTAL</td> <td style="text-align: center;">158.00</td> </tr> </tbody> </table> <p><small>NOTE: Access to and use of equipment /facilities can be provided through cooperative arrangements or MOA with other partner- companies/institutions.</small></p>	SPACE REQUIREMENT	SIZE IN METERS	AREA IN SQ. METERS	GRAND TOTAL AREA IN SQ. METERS	A. Building (permanent)				Lecture Room	6x6	36	36	Laboratory/Workshop Area				• Spray booth with air movement systems/ventilation system	5x8	40	40	• Surface Preparation Stall and drying stall	4x7	28	28	Tool room & S/M storage area		20	20	Learning resource area	4x6	24	24	Wash area/comfort room (male & female)		10	10	TOTAL			158.00
SPACE REQUIREMENT	SIZE IN METERS	AREA IN SQ. METERS	TOTAL AREA IN SQ. METERS																																																																														
Workshop Component Areas																																																																																	
• Laboratory/Workshop Area	-	-	100.00																																																																														
• Lecture Room	5.00 x 5.00	25.00	25.00																																																																														
• Tool, Supply & Storage Room	3.00 X 3.00	9.00	9.00																																																																														
• Learning Resource Center	2.00 x 5.00	10.00	10.00																																																																														
• Wash Room and Toilet	2.00 X 5.00	10.00	10.00																																																																														
Total (Workshop Component)			154.00																																																																														
• Circulation Area (30% of Workshop Component Space)			40.00																																																																														
Grand Total (Building Space)			194.00																																																																														
SPACE REQUIREMENT	SIZE IN METERS	AREA IN SQ. METERS	GRAND TOTAL AREA IN SQ. METERS																																																																														
A. Building (permanent)																																																																																	
Lecture Room	6x6	36	36																																																																														
Laboratory/Workshop Area																																																																																	
• Spray booth with air movement systems/ventilation system	5x8	40	40																																																																														
• Surface Preparation Stall and drying stall	4x7	28	28																																																																														
Tool room & S/M storage area		20	20																																																																														
Learning resource area	4x6	24	24																																																																														
Wash area/comfort room (male & female)		10	10																																																																														
TOTAL			158.00																																																																														
<p>3.6 Trainer's Qualification</p> <p>AUTOMOTIVE/LAND TRANSPORT SECTOR AUTOMOTIVE BODY PAINTING/FINISHING – NC II TRAINER QUALIFICATION (TQ II)</p> <ul style="list-style-type: none"> • Must be a holder of Automotive Body Painting/ Finishing NC III • Must have undergone training on Training Methodology II (TM II) • Must be computer literate • Must be physically and mentally fit • *Must have at least 2 years job/industry experience • Must be a civil service eligible (for government position or appropriate professional license issued by the Professional Regulatory Commission) <p>*Optional. Only when required by the hiring institution.</p> <p>Reference: TESDA Board Resolution No. 2004 03</p>	<p>TRAINER'S QUALIFICATIONS FOR AUTOMOTIVE PAINTING NC II</p> <p>NEW TRAINERS</p> <ul style="list-style-type: none"> • Holder of National TVET Trainers Certificate (NTTC) Level I in Automotive Painting NCII or *Automotive Body Painting Finishing NC III; and • Must have at least 2 year industry experience in automotive painting within the last 4 years <p>EXISTING TRAINERS</p> <ul style="list-style-type: none"> • Holder of National TVET Trainers Certificate (NTTC) Level I in Automotive Painting NCII or *Automotive Body Painting Finishing NC III; and • Must have at least 48 hours of industry immersion in automotive painting within the last 2 years (industry training which includes structured training program inclusive of hands-on activities and observation in a workshop, and training certificates with number of hours) <p>Note: *Automotive Body Painting/Finishing NC III is preferred but not mandatory.</p>																																																																																
<p>3.7 Institutional Assessment</p>																																																																																	

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
<p>Institutional assessment is undertaken by trainees to determine their achievement of units of competency. A certificate of achievement is issued for each unit of competency.</p>	<p>Institutional Assessment is gathering of evidences to determine the achievements of the requirements of the qualification to enable the trainer make judgement whether the trainee is competent or not competent.</p>
SECTION 4. Assessment and Certification Arrangement	
<p>4.1 To attain the National Qualification of Automotive Body Painting/Finishing NC II, the candidate must demonstrate competence in all the units of competency listed in Section 1. Successful candidates shall be awarded a National Certificate signed by the TESDA Director General.</p> <p>4.2 Individual aspiring to be awarded the qualification of Automotive Body Painting/Finishing NC II must acquire Certificate of Competency in all the following core units of the qualification. Candidates may apply for assessment in any accredited assessment center.</p> <p>4.2.1 Apply Solid Color Paints</p> <ul style="list-style-type: none"> <input type="checkbox"/> Prepare Undamaged Surface for Painting <input type="checkbox"/> Apply and Remove Masking <input type="checkbox"/> Spray Solid Color Paints <input type="checkbox"/> Perform Polishing <p>4.2.2 Apply Metallic Color Paints</p> <ul style="list-style-type: none"> <input type="checkbox"/> Assess Auto Paint Jobs <input type="checkbox"/> Prepare Damaged Surface for Painting <input type="checkbox"/> Apply and Remove Masking <input type="checkbox"/> Perform Solid/Metallic Color Mixing <input type="checkbox"/> Spray Metallic Color Paint <input type="checkbox"/> Perform Polishing <p>4.2.3 Repair Solid Color Paints</p> <ul style="list-style-type: none"> <input type="checkbox"/> Assess Auto Paint Jobs <input type="checkbox"/> Prepare Damaged Surface for Painting <input type="checkbox"/> Apply and Removed Masking <input type="checkbox"/> Perform Solid/Metallic Color Mixing <input type="checkbox"/> Repair Solid Color Paint <input type="checkbox"/> Perform Polishing 	<p><i>Competency Assessment</i> is the process of collecting evidence and making judgments whether competency has been achieved. The purpose of assessment is to confirm that an individual can perform to the standards expected at the workplace as expressed in relevant competency standards.</p> <p>The assessment process is based on evidence or information gathered to prove achievement of competencies. The process may be applied to a full qualification or employable unit(s) of competency in partial fulfillment of the requirements of the national qualification.</p> <p>4.1. NATIONAL ASSESSMENT AND CERTIFICATION ARRANGEMENTS</p> <p>4.1.1 To attain the National Qualification of AUTOMOTIVE PAINTING NC II the candidate must demonstrate competence in all units of competency listed in Section 1. Successful candidates shall be awarded a National Certificate signed by the TESDA Director General.</p> <p>4.1.2 Assessment shall cover all competencies, with basic and common integrated or assessed concurrently with the core units of competency.</p> <p>4.1.3 The following are qualified to apply for assessment and certification, as long as they are holders of National Certificate in the amended Automotive Servicing NC I:</p> <p>4.1.3.1 Graduates of WTR-</p>

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
<p>Successful candidates shall be awarded Certificates of Competency (COC).</p> <p>4.3 Accumulation and submission of all COCs acquired for the relevant units of competency comprising a qualification, an individual shall be issued the corresponding National Certificate.</p> <p>4.4 Assessment shall focus on the core units of competency. The basic and common units shall be integrated or assessed concurrently with the core units.</p> <p>4.5 The following are qualified to apply for assessment and certification:</p> <p>4.5.1 Graduates of formal, non-formal and informal including enterprise-based training programs.</p> <p>4.5.2 Experienced workers (wage employed or self employed)</p> <p>4.6 The guidelines on assessment and certification are discussed in detail in the "Procedures Manual on Assessment and Certification" and "Guidelines on the Implementation of the Philippine TVET Qualification and Certification System (PTOQCS)".</p>	<p>registered program on Automotive Painting NC II, or graduates of NTR programs or formal/non-formal/informal including enterprise-based training programs related to automotive painting; or</p> <p>4.1.3.2 Candidates who gained competencies in implementing automotive painting or any related field through informal training or previous work experiences for at least two (2) years within the last five (5) years. A Certificate of Employment and Job Description must be provided as proof.</p> <p>4.1.4 Current holders of National Certificate (NC) in AUTOMOTIVE BODY PAINTING/FINISHING NC II shall have their certificates renewed and converted to the amended TR provided he/she has accumulated at least two (2) years within the last five (5) years work experience, practicing the competencies prescribed in his/her certificate. A Certificate of Employment and Job Description must be provided as proof. He/she must be a holder of National Certificate in the amended Automotive Servicing NC I.</p> <p>Current holders of National Certificate (NC) in AUTOMOTIVE BODY PAINTING/FINISHING NC II with no work experience of at least two (2) years within the last five (5) years shall have to undergo reassessment in the amended Training Regulations upon expiration of their Certificate. He/she must be a holder of National Certificate in the amended Automotive Servicing NC I.</p> <p>4.1.5 Current holders of Certificate of</p>

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
	<p>Competency (COC) in AUTOMOTIVE BODY PAINTING/FINISHING NC II, shall undergo reassessment in the amended Training Regulations upon expiration of their Certificate/s. He/she must be a holder of National Certificate in the amended Automotive Servicing NC I.</p> <p>4.1.6 Recognition of Prior Learning (RPL). Candidates who have gained competencies through informal training, previous work or life experiences may apply for recognition in a particular qualification through competency.</p> <p>4.1.7 The industry shall determine assessment and certification requirements for each qualification with promulgated Training Regulations. It includes the following:</p> <ol style="list-style-type: none"> a. entry requirements for candidates b. evidence gathering methods c. qualification requirements of competency assessors d. specific assessment and certification arrangements as by industry <p>4.2. COMPETENCY ASSESSMENT REQUISITE</p> <p>4.2.1 Self-Assessment Guide. The self-assessment guide (SAG) is accomplished by the candidate prior to actual competency assessment. SAG is a pre-assessment tool to help the candidate and the assessor determine what evidence is available, where gaps exist, including readiness for assessment.</p> <p>This document can:</p> <ol style="list-style-type: none"> a) Identify the candidate's skills and knowledge b) Highlight gaps in candidate's

**AMENDMENT ON TRAINING REGULATIONS FOR
AUTOMOTIVE PAINTING NC II**

Existing Promulgated Training Regulations (Board Resolution No. 2004-20)	Amendments (Board Resolution No. 2020-44)
	<p>skills and knowledge</p> <ul style="list-style-type: none"> c) Provide critical guidance to the assessor and candidate on the evidence that need to be presented d) Assist the candidate to identify key areas in which practice is needed or additional information or skills that should be gained prior to assessment <p>4.2.2 Accredited Assessment Center. Only Assessment Center accredited by TESDA is authorized to conduct competency assessment. Assessment centers undergo a quality assured procedure for accreditation before they are authorized by TESDA to manage the assessment for National Certification.</p> <p>4.2.3 Accredited Competency Assessor. Only accredited competency assessor is authorized to conduct assessment of competence. Competency assessors undergo a quality assured system of accreditation procedure before they are authorized by TESDA to assess the competencies of candidates for National Certification.</p>