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

122nd TESDA BOARD MEETING
11 August 2020, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 35
(Page 1 of 4 pages)

APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

WHEREAS, TESDA Board Resolution No. 2013-11 was issued "Approving and Promulgating the Amendments of the Training Regulations for Automotive Servicing NCI, Automotive Servicing NC II, Automotive Servicing NC III and Automotive Servicing NC IV" last 17 December 2013 during the 87th 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 have reviewed the existing Training Regulations in Automotive Servicing NC II to response to the current skills requirements of the industry with its new technologies and industry manpower set-up and, recommended amendments;

WHEREAS, 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 Training Regulations. The existing Training Regulations shall be replaced with three (3) different Training Regulations, based on the current skills requirements of the industry with its new technologies and industry manpower set-up;

WHEREAS, during the 125th Standards-Setting and Systems Development (SSSD) Committee Meeting held on 03 August 2020, the Committee deliberated upon and agreed to favorably recommend the approval and promulgation of the Training Regulations for Automotive Servicing (Engine Repair) 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

122nd TESDA BOARD MEETING
11 August 2020, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 35
(Page 1 of 4 pages)

APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

WHEREAS, TESDA Board Resolution No. 2013-11 was issued "Approving and Promulgating the Amendments of the Training Regulations for Automotive Servicing NCI, Automotive Servicing NC II, Automotive Servicing NC III and Automotive Servicing NC IV" last 17 December 2013 during the 87th 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 have reviewed the existing Training Regulations in Automotive Servicing NC II to response to the current skills requirements of the industry with its new technologies and industry manpower set-up and, recommended amendments;

WHEREAS, 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 Training Regulations. The existing Training Regulations shall be replaced with three (3) different Training Regulations, based on the current skills requirements of the industry with its new technologies and industry manpower set-up;

WHEREAS, during the 125th Standards-Setting and Systems Development (SSSD) Committee Meeting held on 03 August 2020, the Committee deliberated upon and agreed to favorably recommend the approval and promulgation of the Training Regulations for Automotive Servicing (Engine Repair) 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

122nd TESDA BOARD MEETING
11 August 2020, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 35
(Page 2 of 4 pages)

APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

WHEREAS, during the 122nd TESDA Board Meeting on 11 August 2020, the TESDA Board deliberated and considered the proposed Training Regulations for Automotive Servicing (Engine Repair) NC II;

NOW, THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED, that the aforementioned Automotive Servicing (Engine Repair) NC II as herein appended is 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 Servicing 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.

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

122nd TESDA BOARD MEETING
11 August 2020, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 35
(Page 2 of 4 pages)

APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

WHEREAS, during the 122nd TESDA Board Meeting on 11 August 2020, the TESDA Board deliberated and considered the proposed Training Regulations for Automotive Servicing (Engine Repair) NC II;

NOW, THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED, that the aforementioned Automotive Servicing (Engine Repair) NC II as herein appended is 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 Servicing 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.

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

122nd TESDA BOARD MEETING
11 August 2020, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 35
(Page 3 of 4 pages)

APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

Adopted this 11th day of August 2020.

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. EPIMACO V. DENSING
Department of Interior & Local Government

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

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

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

122nd TESDA BOARD MEETING
11 August 2020, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 55
(Page 3 of 4 pages)

APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

Adopted this 11th day of August 2020.

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. EPIMACO V. DENSING
Department of Interior & Local Government

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

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

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

122nd TESDA BOARD MEETING
11 August 2020, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 35
(Page 4 of 4 pages)

APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

(Original Signed)
ATTY. BAYANI G. DIWA
Board Member, Labor Sector

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

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

(Original Signed)
MR. ARTURO M. MILAN
Board Member, Business & Investment Sector

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

122nd TESDA BOARD MEETING
11 August 2020, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2020 - 365
(Page 4 of 4 pages)

APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

(Original Signed)
ATTY. BAYANI G. DIWA
Board Member, Labor Sector

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

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

(Original Signed)
MR. ARTURO M. MILLAN
Board Member, Business & Investment Sector

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
Qualification Title	
Automotive Servicing NC II	Automotive Servicing (Engine Repair) NC II
SECTION 1 – Definition of the Qualification	
The AUTOMOTIVE SERVICING NC II Qualification consists of competencies that a person must achieve to inspect, clean and repair mechanical or electrical parts, components, assemblies and sub-assemblies of light and heavy-duty automotive vehicle with diesel or gas engine in accordance with manufacturer's specification. It also covers servicing of engine mechanical components such as cooling and lubricating system; performing power train and underchassis servicing and repair.	The **AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II** Qualification consists of competencies that a person must achieve to diagnose and repair engine cooling system and intake and exhaust system and diagnose and overhaul engine mechanical system.
Job Title	
• Automotive Mechanic • Automotive Service Technician	• Engine Repair Specialist • Engine Repair Technician • Engine Technician
SECTION 2: Competency Standards	
Basic Competencies 1. Participate in workplace communication 2. Work in a team environment 3. Practice career professionalism 4. Practice occupational health and safety procedures	**Basic Competencies** 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
Common Competencies 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 7. Perform job estimates 8. Interpret/ draw technical drawing 9. Practice health, safety and environment procedures 10. Inspect technical quality of work	**Common Competencies** 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 (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
11. Maintain quality systems 12. Provide work skill instructions 13. Identify and select original automotive parts and products	
Core Competencies 1. Service Automotive Battery 2. Service Ignition System 3. Test and Repair Wiring/Lighting System 4. Service Starting System 5. Service Charging System 6. Service Engine Mechanical System 7. Service Clutch System 8. Service Differential and Front Axle 9. Service Steering System 10. Service Brake System 11. Service Suspension System 12. Perform Underchassis Preventive Maintenance 13. Overhaul Manual Transmission	**Core Competencies** 1. Diagnose and repair engine cooling and lubrication system 2. Diagnose and repair intake and exhaust system 3. Diagnose and overhaul engine mechanical system
SECTION 3: Training Standards	
3.1 Curriculum Design: Nominal Training Duration: 18 Hours (Basic Competencies) 40 Hours (Common Competencies) 618 Hours (Core Competencies) 676 Hours	Nominal Training Duration: 37 Hours (Basic Competencies) 162 Hours (Common Competencies) 90 Hours (Core Competencies) **289** 176 SIL **465 TOTAL HOURS**
Course Description	
This course is designed to enhance the knowledge, skills and attitudes of an individual in the field of automotive servicing in accordance with industry standards. It covers specialized competencies such as service automotive battery, service ignition system, Test and Repair Wiring/ Lighting System, Perform Under Chassis Preventive Maintenance, Perform Shop Maintenance, repair charging and starting system, service engine mechanical system, service and repair clutch system, service and repair differential and front axle, Service steering system, Overhaul Manual Transmission, Service Brake System, Repair Suspension System	This course is designed to enhance the knowledge, skills and attitudes of an individual in the field of automotive servicing in accordance with industry standards. It covers specialized competencies such as diagnosing and repairing engine cooling and lubrication system, diagnosing and repairing intake and exhaust system, and diagnosing and overhauling engine mechanical system. 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 achieved.

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
Repair Suspension System. It covers the basic, common and core competencies. This course is also designed to enhance the basic and common knowledge, skills and attitudes of an individual in the field of automotive servicing.	
3.2 Training Delivery	
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. • 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;	**1. The delivery of training shall adhere to the design of the curriculum. Delivery shall be guided by the principles of competency-based TVET.** 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.

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
• 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. 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: • 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 Dual Training 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. • 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	**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: **2.1 School/Institution- Based:** • Dual Training System (DTS)/Dualized Training Program (DTP) which contain both in-school and in-industry training or fieldwork components. Details can be referred to the Implementing Rules and Regulations of the DTS Law and the TESDA Guidelines on the DTP; • 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.

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
employ correspondence study, or audio, video or computer technologies.	• The classroom-based or in-center instruction uses of learner-centered methods as well as laboratory or field-work components. **2.2 Enterprise-Based:** • 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 craftsperson wherein the agreement may be written or oral and the master craftsperson 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 craftsperson. • 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. **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).

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

<table>
<tr><th>Existing Promulgated Training Regulation (Board Resolution No. 2013-11)</th><th>Amendments</th></tr>
<tr><td colspan="2">3.3 Trainee Entry Requirements</td></tr>
<tr><td>Trainees or students should possess the following requirements:

• Can communicate both oral and written;
• Can perform basic mathematical computation.

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.</td><td>Trainees or students who would like to enroll in this program must possess the following requirements:

• A holder of National Certificate in Automotive Servicing NC I;
• Basic communication skills;
• Basic mathematical skills;

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.</td></tr>
<tr><td colspan="2">3.4 List of Tools, Equipment and Materials</td></tr>
<tr><td colspan="2">3.5 Training Facilities</td></tr>
<tr><td>The automotive workshop must be made of reinforced concrete or steel structure. The size must be suited on the requirements of the competencies. The class size of 25 students/trainees is reserved for the lecture room and the practical demonstration area for carrying out servicing of minor automotive parts. Most of the learning activities such as on-vehicle servicing are performed in the workshop.
<table>
<tr><th>SPACE REQUIREMENT</th><th>SIZE IN METERS</th><th>AREA IN SQ. METERS</th><th>TOTAL AREA IN SQ. METERS</th></tr>
<tr><td>• Building (permanent)</td><td>12.00 x 32.00</td><td>-</td><td>384.00</td></tr>
<tr><td>• Student/Trainee Working Space</td><td>2.50 x 2.50 per student/trainee</td><td>6.25 per student</td><td>156.25</td></tr>
<tr><td>• Contextual Learning Laboratory</td><td>4.00 x 5.00</td><td>20.00</td><td>20.00</td></tr>
<tr><td>• Lecture Room</td><td>4.00 x 7.00</td><td>28.00</td><td>28.00</td></tr>
<tr><td>• Learning Resource Center</td><td>4.00 x 5.00</td><td>20.00</td><td>20.00</td></tr>
<tr><td>• Facilities/Equipment /Circulation Area</td><td>-</td><td>-</td><td>159.75</td></tr>
</table></td><td>AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II

The automotive workshop must be made of reinforced concrete or steel structure. The size must be suited on the requirements of the competencies. The class size of 25 students/trainees is reserved for the lecture room and the practical demonstration area for carrying out servicing of minor automotive parts. Most of the learning activities such as on-vehicle servicing is performed in the workshop.
<table>
<tr><th>SPACE REQUIREMENT</th><th>SIZE IN METERS</th><th>AREA IN SQ. METERS</th><th>GRAND TOTAL AREA IN SQ. METERS</th></tr>
<tr><td>A. Building (permanent)</td><td></td><td></td><td>180.00</td></tr>
<tr><td>Lecture Room</td><td>5x6</td><td>30</td><td>30</td></tr>
<tr><td>Laboratory/Workshop Area</td><td></td><td>4 per student</td><td>100</td></tr>
<tr><td>Tool room & S/M storage area</td><td></td><td>20</td><td>20</td></tr>
<tr><td>Learning resource area</td><td>5x4</td><td>20</td><td>20</td></tr>
<tr><td>Wash area/comfort room (male & female)</td><td></td><td>10</td><td>10</td></tr>
<tr><td>TOTAL</td><td></td><td></td><td>180.00</td></tr>
</table>
Note: Access to and use of equipment/facilities can be provided through cooperative arrangements of MOA with other partner enterprises/organizations/institutions</td></tr>
</table>

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
3.6 Trainer's Qualification	
AUTOMOTIVE SERVICING – NC II • Holder of National TVET Trainers Certificate (NTTC) Level 1 - Automotive Servicing NC II • Must be computer literate • *Must have at least 2 years job/industry experience	**AUTOMOTIVE SERVICING (ENGINE REPAIR) NC II** NEW TRAINERS • Holder of National TVET Trainers Certificate (NTTC) Level 1 in Automotive Servicing (Engine Repair) NC II; and • Must have at least 1-year industry experience in Automotive Servicing for the last 3 years EXISTING TRAINERS • Holder of National TVET Trainers Certificate (NTTC) Level 1 in Automotive Servicing (Engine Repair) NC II; and • Industry immersion of 48 hours annually (industry training which includes structured training program inclusive of hands-on activities, observation in a workshop, and training certificates with number of hours)
3.7 Institutional Assessment	
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.	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.
SECTION 4. National Assessment and Certification Arrangements	
4.1. To attain the National Qualification of Automotive Servicing NC II, the candidate must demonstrate competence in all the units listed in Section 1. Successful candidates shall be awarded a National Certificate signed by the TESDA Director General. 4.2. Individual aspiring to be awarded the qualification of Automotive Servicing NC II must acquire Certificates of Competency in all the following core units of the Qualification. Candidates may apply for assessment in any accredited assessment center. **4.2.1 Service Engine Component** • Service Engine Mechanical Components **4.2.2 Service Automotive Electrical Components**	Competency Assessment 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. 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. **4.1. NATIONAL ASSESSMENT AND CERTIFICATION ARRANGEMENTS** 4.1.1 The National Certificate Qualification for **AUTOMOTIVE SERVICING**

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
• Service Automotive Battery • Service Ignition System • Test and Repair Wiring/Lighting System • Service Starting System • Service Charging System 4.2.3 **Service Underchassis Components** • Perform Underchassis Preventive Maintenance • Service Steering System • Service Brake System • Service Suspension System 4.2.4 **Service Powertrain Components** • Service Clutch System • Service Differential and Front Axle • Overhaul Manual Transmission Successful candidates shall be awarded Certificates of Competency (COCs) 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. 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. 4.5. The following are qualified to apply for assessment and certification: 4.5.1 Graduates of formal, non-formal and informal including enterprise-based training programs 4.5.2 Experienced Workers (wage employed or self-employed) 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 (PTQCS).	**(ENGINE REPAIR) NC II** shall be obtained when a candidate demonstrates competence through project-type assessment covering all units of competency listed in Section 1. Successful candidates shall be awarded a National Certificate signed by the TESDA Director General 4.1.2 Assessment shall cover all competencies, with basic and common integrated or assessed concurrently with the core units of competency. 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: 4.1.3.1 Graduates of WTR-registered program on Automotive Servicing (Engine Repair) NC II, or graduates of NTR programs or of enterprise-based training programs related to automotive servicing (engine repair) ; or 4.1.3.2 Candidates who gained competencies in implementing automotive servicing (engine repair) or any related field through informal training or previous work experiences for at least two (2) years; or 4.1.4 Current holders of National Certificate (NC) in **AUTOMOTIVE SERVICING NC II** shall have their certificates renewed and converted to

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
	the amended TR provided he/she has accumulated at least 2 years (for the last five 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. 4.1.5 Current holders of Certificate of Competency (COC) in **AUTOMOTIVE SERVICING NC II**, shall have to undergo assessment in the amended Training Regulations upon expiration of their Certificates. He or she must be a holder of National Certificate in the amended Automotive Servicing NC I. 4.1.6 Current holders of NTTC Level I in **AUTOMOTIVE SERVICING NC II** shall have their NC II converted to the amended TR provided that they have forty-eight (48) hours industry immersion within the last two (2) years. He or she must be a holder of National Certificate in the amended Automotive Servicing NC I. **4.2. COMPETENCY ASSESSMENT REQUISITE** 4.2.1 **Self-Assessment Guide**. The self-assessment guide (SAG) is accomplished by the candidate prior to actual competency assessment.

AMENDMENT ON TRAINING REGULATIONS FOR AUTOMOTIVE (ENGINE REPAIR) NC II

Existing Promulgated Training Regulation (Board Resolution No. 2013-11)	Amendments
	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. This document can: a) Identify the candidate's skills and knowledge b) Highlight gaps in candidate's skills and knowledge 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 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. **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.