TESDA CIRCULAR

SUBJECT: Approved TESDA Board Resolution Nos. 2021-01 to 2021-05		Page 1 of 2 page Number 009 series of 2021
Date Issued: February 09, 2021	**Effectivity:** As indicated	Supersedes:

In line with the agency's continuing effort to improve certain policies and procedures, we are providing you with the resolutions approved by the TESDA Board during the 127th TESDA Board Meeting held on 09 February 2021:

1. **BR No. 2021-01** "Ratification of the Acceptance of the Deed of Donation Signed by the Director General on Behalf of the TESDA Board Involving Parcel of Land Donated by the Local Government Unit of Labangan in Zamboanga del Sur with an Area of 3,000 Square Meters"

2. **BR No. 2021-02** "Ratification of the Acceptance of the Deed of Donation Signed by the Director General on Behalf of the TESDA Board Involving a Parcel of Land Donated by the Linoan Farmers Integrated Cooperative (LIFICO) Located at Brgy. Linoan, Montevista, Compostela Valley with an Area of 4,000 Square Meters"

3. **BR No. 2021-03** "Ratification of the Acceptance of the Deed of Donation Signed by the Director General on Behalf of the TESDA Board Involving a Parcel of Land Donated by Marvi Development Incorporated Located at Barrio Mianay, Sigma, Capiz with an Area of 2,000 Square Meters"

4. **BR No. 2021-04** "Approving and Promulgating the Amended Training Regulations for Rubber Production NC II"

5. **BR No. 2021-05** "Approving and Promulgating the Training Regulations for Mobile Phones and Handheld Gadgets Servicing NC III"

TESDA CIRCULAR

SUBJECT: Approved TESDA Board Resolution Nos. 2021-01 to 2021-05		Page 2 of 2 page Number 009 series of 2021
Date Issued: February 09, 2021	**Effectivity:** As indicated	Supersedes:

The foregoing resolutions supersede all other issuances inconsistent therewith.

SEC. ISIDRO S LAPEÑA PhD, CSEE
Director General

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 09:00 A.M.
Through Online Teleconference Via Zoom Platform

Resolution No. 2021-01
(Page 1 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING PARCEL OF LAND DONATED BY THE LOCAL GOVERNMENT UNIT OF LABANGAN IN ZAMBOANGA DEL SUR WITH AN AREA OF 3,000 SQUARE METERS

WHEREAS, Section 8 of Republic Act No. 7796, otherwise known as the "Technical Education and Skills Development Act of 1994," grants the Technical Education and Skills Development Authority (TESDA) Board the power to enter into, make, execute, perform and carry-out domestic and foreign contracts subject to existing laws, rules and regulations;

WHEREAS, in the exercise of this power, the TESDA Board shall approve all contracts both local and foreign entered into by the Technical Educations and Skills Development Authority;

WHEREAS, the TESDA Board during its 120th TESDA Board Meeting issued Board Resolution No. 2020-13 which grants the Director General the authority to accept and sign Deeds of Donation involving parcels of land donated by local government units and other entities on behalf of TESDA, subject to subsequent ratification of the TESDA Board;

WHEREAS, the Regional Director of Region IX together with the Provincial Director of TESDA-Zamboanga del Sur, initiated efforts to establish a Training and Assessment Center in the Province of Zamboanga del Sur;

WHEREAS, the Local Government Unit of Labangan, Zamboanga del Sur owns parcel of land consisting of Seventeen Thousand Seven Hundred Seventy-Nine (17,779) square meters under Lot No. 30, Psd-09-028652 located at Brgy. Poblacion, Municipality of Labangan, covered by Transfer Certificate No. T-39,531;

WHEREAS, out of the generosity of the Local Government Unit of Labangan, they agreed to donate Three Thousand (3,000) square meters of the above-described lot for the construction of a TESDA Training and Assessment Center;

WHEREAS, on January 27, 2020, the Sangguniang Bayan of Labangan, Zamboanga del Sur issued Resolution No. 6145-2020 entitled *"Resolution Authorizing the Local Chief Executive, Hon. Eduardo D. Relacion Representing the Local Government Unit of Labangan, Zamboanga del Sur to Sign and Execute a Deed of Donation a Portion of Lot 381-30 Covered by TCT No. T-39,531 with an Area of Three Thousand (3,000) Square Meters Located at Dalapang Labangan,*

Republic of the Philippines
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East Service Road, South Luzon Expressway, Taguig, Metro Manila

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 09:00 A.M.
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Resolution No. 2021-01
(Page 2 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING PARCEL OF LAND DONATED BY THE LOCAL GOVERNMENT UNIT OF LABANGAN IN ZAMBOANGA DEL SUR WITH AN AREA OF 3,000 SQUARE METERS

Zamboanga del Sur to be used as Site for the Construction of Technical Education and Skills Development (TESDA) Training Center"

WHEREAS, by virtue of the authority given by the Sangguniang Bayan of Labangan, a Deed of Donation was signed between the City Mayor, Hon. Eduardo D. Relacion and TESDA Director General for the donation of a parcel of land with a total land area of Three Thousand (3,000) square meters. A copy of the Deed of Donation is hereunto attached as Annex **"A"** and made an integral part of this Resolution;

NOW THEREFORE, BE IT RESOLVED, AS IT HEREBY RESOLVED, to ratify the Deed of Donation signed and entered into by the TESDA Director General for and on behalf of the TESDA Board with the Local Government Unit of Labangan consisting of 3,000 square meters intended for the construction of TESDA Training and Assessment Center, subject to the condition that no improvement shall be introduced in the donated land until such time that it is titled under TESDA.

BE IT RESOLVED FINALLY, that a copy of this Resolution be disseminated to all parties concerned.

Approved this 9th day of February 2021.

Atty. MARICHELLE D. DE GUZMAN
TESDA Board Secretary

Attested by:

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

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

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Resolution No. 2021-01
(Page 3 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING PARCEL OF LAND DONATED BY THE LOCAL GOVERNMENT UNIT OF LABANGAN IN ZAMBOANGA DEL SUR WITH AN AREA OF 3,000 SQUARE METERS

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

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

(Original Signed)
USEC. RAFAELITA M. ALDABA
Department of Trade and Industry

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

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

(Original Signed)
FR. ONOFRE G. INOCENCIO JR., SDB
Board Member, Education and Training Sector

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 09:00 A.M.
Through Online Teleconference Via Zoom Platform

Resolution No. 2021-02
(Page 1 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING A PARCEL OF LAND DONATED BY THE LINOAN FARMERS INTEGRATED COOPERATIVE (LIFICO) LOCATED AT BRGY. LINOAN, MONTEVISTA, COMPOSTELA VALLEY WITH AN AREA OF 4,000 SQUARE METERS

WHEREAS, Section 8 of Republic Act No. 7796, otherwise known as the "Technical Education and Skills Development Act of 1994," grants the Technical Education and Skills Development Authority (TESDA) Board the power to enter into, make, execute, perform and carry-out domestic and foreign contracts subject to existing laws, rules and regulations;

WHEREAS, in the exercise of this power, the TESDA Board shall approve all contracts both local and foreign entered into by the Technical Educations and Skills Development Authority;

WHEREAS, the TESDA Board during its 120th TESDA Board Meeting issued Board Resolution No. 2020-13 which grants the Director General the authority to accept and sign Deeds of Donation involving parcels of land donated by local government units and other entities on behalf of TESDA, subject to subsequent ratification of the TESDA Board;

WHEREAS, the Regional Director of Region XI together with the Provincial Director of TESDA-Davao de Oro, initiated efforts to establish a Training and Assessment Center in the Province of Davao de Oro;

WHEREAS, the LIFICO (formerly *Linoan Agricultural Settlers and Development Association*- LASDA) owns parcel of land consisting of Seven Thousand Eight (7,008) square meters located at Brgy. Linoan, Montevista, Compostela Valley, covered by Transfer Certificate No. CARP2019001829T-39,531;

WHEREAS, out of the generosity of LIFICO, they agreed to donate Four Thousand (4,000) square meters of the above-described lot for the construction of a TESDA Training and Assessment Center;

WHEREAS, on January 8, 2021, the LIFICO Board of Trustees issued Resolution No. 2, series of 2021 entitled *"A Resolution Authorizing the Chairperson Domingo B. Barcena as the Representative of Linoan Farmers Integrated Cooperative (LIFICO) to Transact and Sign into the Deed of Donation between Linoan Farmers Integrated Cooperative (LIFICO) and Technical Education and Skills*

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 09:00 A.M.
Through Online Teleconference Via Zoom Platform

Resolution No. 2021-02
(Page 2 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING A PARCEL OF LAND DONATED BY THE LINOAN FARMERS INTEGRATED COOPERATIVE (LIFICO) LOCATED AT BRGY. LINOAN, MONTEVISTA, COMPOSTELA VALLEY WITH AN AREA OF 4,000 SQUARE METERS

Development (TESDA), for the Donated Lot Measuring Four Thousand (4,000) Square Meters"

WHEREAS, by virtue of the authority given by the LIFICO Board of Trustees, a Deed of Donation was signed between the Chairman of the Board, Mr. Domingo B. Barcena and TESDA Director General for the donation of a parcel of land with a total land area of Four Thousand (4,000) square meters. A copy of the Deed of Donation is hereunto attached as Annex **"A"** and made an integral part of this Resolution;

NOW THEREFORE, BE IT RESOLVED, AS IT HEREBY RESOLVED, to ratify the Deed of Donation signed and entered into by the TESDA Director General for and on behalf of the TESDA Board with the Linoan Farmers Integrated Cooperative (LIFICO) consisting of 4,000 square meters intended for the construction of TESDA Training and Assessment Center, subject to the condition that no improvement shall be introduced in the donated land until such time that it is titled under TESDA.

BE IT RESOLVED FINALLY, that a copy of this Resolution be disseminated to all parties concerned.

Approved this 9th day of February 2021.

Atty. MARICHELLE D. DE GUZMAN
TESDA Board Secretary

Attested by:

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

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 09:00 A.M.
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Resolution No. 2021-02
(Page 3 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING A PARCEL OF LAND DONATED BY THE LINOAN FARMERS INTEGRATED COOPERATIVE (LIFICO) LOCATED AT BRGY. LINOAN, MONTEVISTA, COMPOSTELA VALLEY WITH AN AREA OF 4,000 SQUARE METERS

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

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

(Original Signed)
USEC. RAFAELITA M. ALDABA
Department of Trade and Industry

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

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

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

(Original Signed)
FR. ONOFRE G. INOCENCIO JR., SDB
Board Member, Education and Training Sector

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 09:00 A.M.
Through Online Teleconference Via Zoom Platform

Resolution No. 2021-03
(Page 1 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING A PARCEL OF LAND DONATED BY MARVI DEVELOPMENT INCORPORATED LOCATED AT BARRIO MIANAY, SIGMA, CAPIZ WITH AN AREA OF 2,000 SQUARE METERS

WHEREAS, Section 8 of Republic Act No. 7796, otherwise known as the "Technical Education and Skills Development Act of 1994," grants the Technical Education and Skills Development Authority (TESDA) Board the power to enter into, make, execute, perform and carry-out domestic and foreign contracts subject to existing laws, rules and regulations;

WHEREAS, in the exercise of this power, the TESDA Board shall approve all contracts both local and foreign entered into by the Technical Educations and Skills Development Authority;

WHEREAS, the TESDA Board during its 120th TESDA Board Meeting issued Board Resolution No. 2020-13 which grants the Director General the authority to accept and sign Deeds of Donation involving parcels of land donated by local government units and other entities on behalf of TESDA, subject to subsequent ratification of the TESDA Board;

WHEREAS, the Regional Director of Region VI together with the Provincial Director of TESDA-Capiz, initiated efforts to establish a Training Center in the Province of Capiz;

WHEREAS, MARVI Development Corporation owns parcel of land consisting of Forty-One Thousand Eight Hundred Fifty Six (41,856) square meters located at Barrio of Mianay, Sigma, Capiz, designated as Cadastral Lot No. 2289-A;

WHEREAS, out of the generosity of MARVI Development Corporation, they agreed to donate Two Thousand (4,000) square meters of the above-described lot for the construction of a TESDA-Capiz Provincial Training Center;

WHEREAS, pursuant to the Secretary's Certificate issued by Mr. Albert T. Andaya, Corporate Secretary of MARVI Development Corporation, on June 22, 2020, the Board of Directors of MARVI Development Corporation approved to authorize Maria T. Andaya, to sign, execute and deliver a Deed of Donation in behalf of MARVI Development Incorporated to Technical Education and Skills Development (TESDA), a portion of its land property with an area of Two Thousand (2,000) square meters. for the Donated Lot Measuring Four Thousand (4,000) Square Meters"

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 09:00 A.M.
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Resolution No. 2021-03
(Page 2 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING A PARCEL OF LAND DONATED BY MARVI DEVELOPMENT INCORPORATED LOCATED AT BARRIO MIANAY, SIGMA, CAPIZ WITH AN AREA OF 2,000 SQUARE METERS

WHEREAS, by virtue of the authority given by the Board of Directors of MARVI Development Corporation, a Deed of Donation was signed between the President of MARVI Development Corporation, Ms. Maria T. Andaya and TESDA Director General for the donation of a parcel of land with a total land area of Two Thousand (2,000) square meters. A copy of the Deed of Donation is hereunto attached as Annex **"A"** and made an integral part of this Resolution;

NOW THEREFORE, BE IT RESOLVED, AS IT HEREBY RESOLVED, to ratify the Deed of Donation signed and entered into by the TESDA Director General for and on behalf of the TESDA Board with MARVI Development Corporation consisting of 2,000 square meters intended for the construction of TESDA Training and Assessment Center, subject to the condition that the donated land shall be until titled under TESDA.

BE IT RESOLVED FINALLY, that a copy of this Resolution be disseminated to all parties concerned.

Approved this 9th day of February 2021.

Atty. MARICHELLE D. DE GUZMAN
TESDA Board Secretary

Attested by:

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

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 09:00 A.M.
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Resolution No. 2021-03
(Page 3 of 3)

RATIFICATION OF THE ACCEPTANCE OF THE DEED OF DONATION SIGNED BY THE DIRECTOR GENERAL ON BEHALF OF THE TESDA BOARD INVOLVING A PARCEL OF LAND DONATED BY MARVI DEVELOPMENT INCORPORATED LOCATED AT BARRIO MIANAY, SIGMA, CAPIZ WITH AN AREA OF 2,000 SQUARE METERS

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

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

(Original Signed)
USEC. RAFAELITA M. ALDABA
Department of Trade and Industry

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USEC. EPIMACO V. DENSING III
Department of Interior and Local Government

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

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Board Member, Employer Sector

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Board Member, Employer Sector

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Board Member, Business & Investment Sector

(Original Signed)
FR. ONOFRE G. INOCENCIO JR., SDB
Board Member, Education and Training Sector

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2021 - 04
(Page 1 of 4 pages)

APPROVING AND PROMULGATING THE AMENDED TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

WHEREAS, TESDA Board Resolution No. 2012-05 was issued on "Approving and Promulgating the Training Regulations for Rubber Production NC II" last 09 May 2012 during the 82nd 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 **Platinum Rubber Development Incorporated (PRDI), Department of Agriculture -Philippine Council for Agriculture and Fisheries (DA-PCAF), Philippine Rubber Technical Working Group (PHLRUBBER TWG), Department of Trade and Industry Region IX (DTI Region IX) and Department of Agriculture- Philippine Rubber Research Institute (DA-PRRI)** with the assistance of the Qualifications and Standards Office (QSO) of TESDA has reviewed the existing Training Regulations for Rubber Production 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/Chairperson of the Platinum Rubber Development Incorporated (PRDI), Department of Agriculture-Philippine Council for Agriculture and Fisheries (DA-PCAF), Philippine Rubber Technical Working Group (PHLRUBBER TWG), Department of Trade and Industry Region IX (DTI Region IX) and Department of Agriculture- Philippine Rubber Research Institute (DA-PRRI)** 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 131st Standards Setting and Systems Development (SSSD) Committee Meeting held on 29 January 2021, the Committee deliberated upon and agreed to favorably recommend the approval and promulgation of the

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

127th TESDA BOARD MEETING
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Teleconference Via Zoom Platform

Resolution No. 2021 - 04
(Page 2 of 4 pages)

APPROVING AND PROMULGATING THE AMENDED TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Training Regulations for Rubber Production NC II which is attached as Annex "A" and made an integral part of this Resolution;

WHEREAS, during the 127th TESDA Board Meeting on 09 February 2021, the TESDA Board deliberated and considered the proposed Training Regulations for Rubber Production NC II;

NOW, THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED, that the aforementioned Training Regulations for Rubber Production 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 Rubber Production 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 9th day of February 2021.

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 9:00 a.m.
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Resolution No. 2021 - 04
(Page 3 of 4 pages)

APPROVING AND PROMULGATING THE AMENDED TRAINING REGULATIONS FOR RUBBER PRODUCTION 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. RAFAELITA M. ALDABA
Department of Trade and Industry

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

(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

127th TESDA BOARD MEETING
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Resolution No. 2021 - 04
(Page 4 of 4 pages)

APPROVING AND PROMULGATING THE AMENDED TRAINING REGULATIONS FOR RUBBER PRODUCTION 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)
MR. ARTURO M. MILAN
Board Member, Business & Investment Sector

(Original Signed)
FR. ONOFRE G. INOCENCIO JR., SDB
Board Member, Education and Training Sector

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
Qualification Title	
Rubber Production NC II	Rubber Production NC II
SECTION 1 – Definition of the Qualification	
The **RUBBER PRODUCTION NC II** Qualification consists of competencies that a person must achieve to establish rubber budwood and seedlings nursery, plant rubber trees/rubber seedlings, perform budding operation and harvest latex.	The **RUBBER PRODUCTION NC II** Qualification consists of competencies that a person must achieve to produce budstick, establish rubber nursery, perform budding operation, perform rubber farm maintenance and harvest latex. The person must handle a rubber plantation more than one (1) hectare. The proper handling of tools, applying of safety measures and practicing waste management were also required and emphasized for this qualification.
Job Titles	
• Budder • Tapper • Nursery caretaker • Rubber plantation worker • Rubber Farmer	• Plant propagator • Nursery caretaker • Nursery operator • Budder • Tapper • Rubber farmer • Rubber farm worker
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 safety measures in farm operations 2. Use farm tools and equipment 3. Perform estimation and calculations	**Common Competencies** 1. Apply safety measures in farm operations 2. Use farm tools and equipment 3. Perform estimation and calculations

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
Core Competencies 1. Establish rubber budwood and seedlings nursery 2. Plant rubber trees/rubber seedlings 3. Perform budding operation 4. Harvest latex	**Core Competencies** 1. Produce budstick 2. Establish rubber nursery 3. Perform budding operation 4. Perform rubber farm maintenance 5. Harvest latex
SECTION 3: Training Standards	**SECTION 3: Training Arrangements**
3.1 Curriculum Design: Nominal Training Hours: 18 Hours (Basic Competencies) 14 Hours (Common Competencies) 210 Hours (Core Competencies) 80 SIT/OJT 322 Total training duration	Nominal Training Duration: 37 Hours (Basic Competencies) 72 Hours (Common Competencies) 212 Hours (Core Competencies) **321 TOTAL HOURS** The applicable training modality for this Training Regulation is a combination of institution-based under (Section 3.2.2.1), enterprise-based under (Section 3.2.2.2) and community-based under (Section 3.2.2.3) of which at least 40 hours shall be dedicated to actual workplace learning/ industry training. The training design shall follow the requirements of SIL as stipulated in TESDA Circular No. 089 series 2019 entitled *"Implementing Guidelines for Supervised Industry Learning (SIL)"*, particularly under Sections V, VI and VII thereof.
Course Description	
This course is designed to enhance the knowledge, desirable skills and attitudes of Rubber Production NCII in accordance with industry standards. It covers core competencies such as: establish rubber budwood and seedlings nursery, plant rubber trees/rubber seedlings, perform budding operation and harvest latex.	This course is designed to enhance the knowledge, skills and attitudes of an individual in the field of rubber production in accordance with industry standards. It covers specialized competencies such as producing budstick, establishing rubber nursery, performing budding operation, performing rubber farm management and harvesting latex. 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.

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
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; • 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.	**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 completion of all specified competencies not on the specified nominal duration of learning. **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

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
• 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. • Project-Based Instruction is an authentic instructional model or strategy in which students plan, implement and evaluate projects that have real world applications.	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. • 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 RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
	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).
3.3 Trainee Entry Requirements	
Trainees or students wishing to enroll in this course should possess the following requirements. • Able to read and write;	Trainees or students who would like to enroll in this program must possess the following requirements: • Must have basic communication skills

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
• With good moral character; • Ability to communicate, both oral and written • Physically fit and mentally healthy as certified by a Public Health Officer	• Must have basic arithmetic 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.

3.4 List of Tools, Equipment and Materials

RUBBER PRODUCTION– NC II

Recommended list of tools, equipment and materials for the training of 25 trainees for Rubber Production NC II.

RESOURCES:

SUPPLIES AND MATERIALS		TOOLS		EQUIPMENT	
Qty	Description	Qty	Description	Qty	Description
4cans	• Seeds and clones	4pcs	• Soil sampler	1	• Training facilities (lecture room, workshop/laboratory area, chairs and tables, computer, etc.)
500 seedlings 25 budsticks	• Seedling stock and budsticks/budwoods	4pcs	• Sprayers		
		4sets	• Digging tools		
		4sets	• Pruning tools		
500pcs	• Polybags	4sets	• Tools and farm implements use in activities such as clearing and plowing sites, digging, among others		
1sack	• Fertilizers				
1qrts each	• Insecticides/pesticides/ Herbicides				
4pcs	• Layout plan				
100	• Stakes			1	• Simulated workplace (nursery, greenhouse, rubber plantations, farm/field, among others) with facilities including practice trees
500pcs	• Budding tape				
25pcs	• Clean rag	25pcs	• Budding knife		
25pcs	• Supplies and materials in harvesting	25pcs	• Sharpening tool		
		25pcs	• Tapping knife		
		25pcs	• Spout		
8pcs	• Brush for upward tapping	25pcs	• Cup holder		
		25pcs	• Collecting cup		
1liter	• Coagulants/Anti-coagulant	25pcs	• Template		
		4pcs	• Collecting pail/bucket/ container		
25pcs	• Wire Spring				
25pcs	• String				
4sacks	• Propagating media	4pcs	• Balancer		
1	• Growing media	4pcs	• Scoop	4sets	• Pruning equipment
1	• Seed box	4pcs	• Bolo		
4	• Detergent soap	4pcs	• Calculator		
4	• Broom stick	4pcs	• Sprinklers		

RUBBER PRODUCTION NC II

Recommended list of tools, equipment and materials for the training of 25 trainees for Rubber Production 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
5 pcs	Shovel, spade shape
2 pcs	Digging bar, 1.5m
2 pcs	Measuring steel tape, 6m
5 pcs	Handsaw
5 pcs	Pruning shear, small
5 pcs	Pruning saw, small
5 pcs	Bolo
5 pcs	Rice funnel
26 pcs	Budding knife, small
5pcs	Selector knife
3 pcs	Cane knife
5 pcs	Tapping knife
5 pcs	Tapping knife holder
3 pcs	Tapping panel templates, 30 and 45 degree
1 pc	Knapsack sprayer, 16 L capacity
5pcs	Sickle
5pcs	Grab hoe
5pcs	Bark scraper (wood or steel)
5pcs	Clip pruner
3 pcs	A frame (for staking)
5 pcs	Sharpening stone, fine and rough

EQUIPMENT	
QTY	DESCRIPTION
2 units	Knapsack sprayer
2 units	Ladder (30 steps)
10 units	Head-gear lights
2 units	Weighing scales, 5K capacity

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)

SUPPLIES AND MATERIALS		TOOLS		EQUIPMENT	
Qty	Description	Qty	Description	Qty	Description
4	• Trash can	4pcs	• Pick mattock	4sets	• Equipment essential to rubber harvesting
4sacks	• Compost	8pcs	• Storage tools/cabinet		
1 set	• First aid supplies/medicines	4pcs	• Trowel		
4pcs	• Sacks	4pcs	• Scissors	4sets	• Protective clothing equipment or PPE which includes: o Rubber boots o Head gear o Googles o Body protector (jacket etc.) o Gloves o Mask
4rms	• Bond paper	4pcs	• Rake		
25pcs	• Clips	4pcs	• Broomstick		
25pcs	• Marking pens	4pcs	• Seedling tray		
25pcs	• Paper Pencils	4pcs	• Shovel		
				1	• Power sprayer Portable chainsaw
				1	• Irrigation system
				1	• DVD player
				1	• LCD projector
				1	• Service vehicle
				1	• Storage room
TRAINING MATERIALS:					
5copies	• Brochures	2copies	• Instructional supplies and materials (DVD, VCD, PPT, Prints, etc.)		• Data (result of soil analysis)
2copies	• Visual aids				• Soil samples analysis
5copies	• Reference manuals				
5copies	• Procedural manuals	2copies	• Reference materials/books		

Amendments

MATERIALS	
QTY	DESCRIPTION
100 pcs	Sticks
100 pcs	Bamboo stick, 0.5 m in L
25 pcs	Bamboo pole, 1m in L
50m	Rope, 5mm thickness
2 Kilos	Fertilizer, complete
4 kg	Fertilizers (75 gms/transplanted planting material)
4 kg	Fertilizer (150 g phosphorus, 0-22-0)/per plant
1L	Herbicides
100 ml	Fungicide
100 ml	Insecticide
1 pack	Rodenticide 100g/pack
5 pcs	Record book, 50pp
1 pc	Garbage bin, small
25 pcs	Jute sack
1 roll	Twine, small
2 pcs	Box
1 pack	Used paper
1 roll	Packaging tape, 1"
5 packs	Polybags 100pcs/pack, 8"x20"
2 pcs	Water sprinkler
5 pcs	Pail, small
5 sets	Measuring cup
5 pcs	Measuring tape
25 pcs	Vacuum cellophane (budding tape), 1x1m
5 pcs	Sand paper grit 1,000
5 pcs	Sharpening stone
25 pcs	Cloth
5 pcs	Banana bracts
20 m	Plastic rope, ballpen size, 5mm dia.
100 m	Rope # 1
25 pcs	Collector of used polybag, 1m in L
25 pcs	Ready-to-plant budded rubber planting material
25 pcs	Paint brush
10 pcs	Plastic container
1L	Pesticides
25 pcs	Paint marker
25 pcs	Bamboo stick (as digger)
5 pcs	Tapping knife holder
5 L	Formic acid
25 pcs	Stirring stick
5 pcs	Record book
50 pcs	Spout
50 pcs	Rubber latex cups
50 pcs	Cup holder
1 roll	Twine, small
5 pcs	Measuring tape
5 pcs	Measuring stick
10 m	Twine
10 pcs	Containers (harvesting) 10 L capacity
25 pcs	Bark marker
5 pcs	Collecting bucket, 20 Liters or 20 Kilos capacity
	PPEs:
5 pcs	Hat
5 sets	Harness and safety belt
25 pcs	Vacuum cellophane (budding tape), 1x1m
5 sets	Personal Protective Equipment • Rubber boots • Head gear • Googles • Body protector (jacket, long sleeves) • Gloves • Mask
1 gallon	70% alcohol*
20 pcs	Face shield*

NOTE:

1. Access to and use of equipment/facilities can be provided through cooperative arrangements of MOA with other partner/companies.
2. 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.

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments

B. PER COC

COC 1 – PRODUCE BUDSTICK

TOOLS	
QTY	DESCRIPTION
5 pcs	Shovel, spade shape
2 pcs	Digging bar, 1.5m
2 pcs	Measuring steel tape, 6m
5 pcs	Handsaw
5 pcs	Pruning shear, small
5 pcs	Bolo

EQUIPMENT	
QTY	DESCRIPTION
	None

MATERIALS	
QTY	DESCRIPTION
100 pcs	Sticks
50m	Rope, 5mm thickness
2 Kilos	Fertilizer, complete
100 ml	Fungicide
100 ml	Insecticide
1 pack	Rodenticide 100g/pack
5 pcs	Record book, 50pp
1 pc	Garbage bin, small
5 pcs	Jute sack
1 roll	Twine, small
26 pcs	Vacuum cellophane (budding tape), 1x1m
2 pcs	Box
1 pack	Used paper
1 roll	Packaging tape, 1"
1 gallon	70% alcohol*
20 pcs	Face shield*

NOTE:

1. Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies.
2. 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.

COC 2 – ESTABLISH RUBBER NURSERY

TOOLS	
QTY	DESCRIPTION
5 pcs	Shovel, spade shape
5 pcs	Rice funnel
5 pcs	Pruning shear, small
26 pcs	Budding knife, small
1 pc	Knapsack sprayer, 16 L capacity

EQUIPMENT	
QTY	DESCRIPTION
	none

MATERIALS	
QTY	DESCRIPTION
5 packs	Polybags 100pcs/pack, 8"x20"
2 pcs	Water sprinkler
100 ml	Fungickde
100 ml	Insecticide
1 pack	Rodenticide 100g/pack
5 pcs	Pail, small
	PPEs:
6 pairs	Gloves
26 pcs	Mask
6 pairs	Boots
5 pcs	Long sleeves
5 pcs	Hat
1 gallon	70% alcohol*
20 pcs	Face shield*

NOTE:

1. Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies.
2. 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.

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments

COC 3 – PERFORM BUDDING OPERATIONS

TOOLS	
QTY	DESCRIPTION
26 pcs	Budding knife, small
5 pcs	Pruning saw, small
5 pcs	Pruning shear, small

EQUIPMENT	
QTY	DESCRIPTION
	none

MATERIALS	
QTY	DESCRIPTION
26 pcs	Vacuum cellophane (budding tape), 1x1m
5 pcs	Sand paper grit 1,000
5 pcs	Sharpening stone
25 pcs	Cloth
5 pcs	Jute sack
5 pcs	Banana bracts
1 roll	Twine, small
	PPEs:
6 pairs	Gloves
1 gallon	70% alcohol*
20 pcs	Face shield*

NOTE:

1. Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies.
2. 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.

COC 4 – PERFORM RUBBER FARM MAINTENANCE

TOOLS	
QTY	DESCRIPTION
5pcs	Digging bar
5pcs	Shovel
5pcs	Sickle
5pcs	Selector knife
5pcs	Grab hoe
5pcs	Bark scraper (wood or steel)
5pcs	Pruning saw
5pcs	Pruning shear
5pcs	Clip pruner
3 pcs	Cane knife
3 pcs	A frame (for staking)

EQUIPMENT	
QTY	DESCRIPTION
2 units	Knapsack sprayer
2 units	Ladder (30 steps)

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments

MATERIALS	
QTY	DESCRIPTION
3 pcs	Compass, small
5 pcs	Pail, small
5 sets	Measuring cup
5 pcs	Measuring tape
20 m	Plastic rope, ballpen size, 5mm dia.
100 pcs	Bamboo stick, 0.5 m in L
25 pcs	Bamboo pole, 1m in L
25 pcs	Collector of used polybag, 1m in L
25 pcs	Ready-to-plant budded rubber planting material
4 kg	Fertilizer (150 g phosphorus, 0-22-0)/per plant
25 pcs	Paint brush
10 pcs	Plastic container
25 pcs	Jute sack
1L	Pesticides
4 kg	Fertilizers (75 gms/transplanted planting material)
1L	Herbicides
10 m	Twine, 5mm
25 pcs	Paint marker
50 pcs	Bamboo pole
100 m	Rope # 1
25 pcs	Bamboo stick (as digger)
5 sets	Harness and safety belt
5 sets	Personal Protective Equipment • Rubber boots • Head gear • Googles • Body protector (jacket, long sleeves) • Gloves • Mask
1 gallon	70% alcohol*
20 pcs	Face shield*

NOTE:

1. Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies.
2. 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.

COC 5 – HARVEST LATEX

TOOLS	
QTY	DESCRIPTION
5 pcs	Tapping knife
5 pcs	Tapping knife holder
3 pcs	Tapping panel templates, 30 and 45 degree
5 pcs	Sharpening stone, fine and rough

EQUIPMENT	
QTY	DESCRIPTION
10 units	Head-gear lights
2 units	Weighing scales, 5K capacity

MATERIALS	
QTY	DESCRIPTION
5 sets	Personal Protective Equipment • Rubber boots • Head gear • Googles • Body protector (jacket, long sleeves) • Gloves • Mask
5 pcs	Tapping knife holder
5 L	Formic acid
25 pcs	Stirring stick
5 pcs	Record book
50 pcs	Spout
50 pcs	Rubber latex cups
50 pcs	Cup holder
1 roll	Twine, small
5 pcs	Measuring tape
5 pcs	Measuring stick
10 pcs	Containers (harvesting) 10 L capacity
25 pcs	Bark marker
5 pcs	Collecting bucket, 20 Liters or 20 Kilos capacity
1 gallon	70% alcohol*
20 pcs	Face shield*

NOTE:

1. Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies.
2. 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.

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

3.5 Training Facilities

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)

RUBBER PRODUCTION NC II

Based on a class size of 25 students/trainees

SPACE REQUIREMENT	SIZE IN METERS	TOTAL AREA IN SQ. METERS
A. Building (permanent)		170.30
• Lecture Room/Workshop		40.00
• Learning Resource Center	3.00 x 5.00	15.00
• Facilities/Equipment/ Circulation Area (30% of teaching accommodation)		99.30
• Store Room	4.00 x 4.00	16.00
B. Experimental Rubber Farm		10,000.00 (1ha)

Amendments

RUBBER PRODUCTION NC II

Based on a class intake of 25 learners/ trainees.

SPACE REQUIREMENT	SIZE IN METERS	AREA IN SQ. METERS	TOTAL AREA IN SQ. METERS
A. Building (permanent)			184.30
• Lecture Room/Workshop			40.00
• Learning Resource Center	3.00 x 5.00		15.00
• Activity Room			30.00
- Wash room	2X1	2.00	
- Store room	4X4	16.00	
- Rest room (male, female & PWD)	3X4	12.00	
• Facilities/ Equipment/ Circulation Area (30% of teaching accommodation)			99.30
B. Experimental Rubber Farm			5,000.00
TOTAL			5,184.30

NOTE: Access to and use of equipment /facilities can be provided through cooperative arrangements or MOA with other partner- companies/institutions.

3.6 Trainer's Qualifications

TRAINER'S QUALIFICATIONS FOR AGRI-FISHERY SECTOR

Trainers who will deliver the training on RUBBER PRODUCTION NC II should be holders of National TVET Trainer Certificate Level I (NTTC I). The following are the requirements for NTTC I:

- Must be a holder of Rubber Production NC II or its equivalent
- Must be a holder of Trainers Methodology Certificate Level I (TMC I)
- Must be physically and mentally fit
- *Must have at least 2 years job/industry experience

*Optional. Only when required by the hiring institution.
Reference: TESDA Board Resolution No. 2010-05
TESDA Circular No. 135, 2011

TRAINER'S QUALIFICATIONS FOR AGRI-FISHERY SECTOR

FOR NEW TRAINERS

- Must be a holder of NTTC I (NC + TM1) on **RUBBER PRODUCTION NC II** and;
- Must have at least 2 years' industry experience within the last five (5) years

FOR EXISTING TRAINERS

- Must be a holder of National TVET Trainer Certificate (NTTC) Level I on **RUBBER PRODUCTION NC II** and;
- Must have at least 40 hours industry immersion for the last three (3) years.
  Or
- Must have at least 40 hours participation in seminars, workshops, and forum relevant to rubber production

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.

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
SECTION 4. National Assessment and Certification Arrangements	**SECTION 4. Assessment and Certification Arrangement**
4.1 To attain the National Qualification of Rubber Production NC II, the candidate must demonstrate competence in all units listed in Section 1. Successful candidates shall be awarded a National Certificate signed by the TESDA Director General. 4.2 The qualification of Rubber Production NC II may be attained through: 4.2.1. Accumulation of Certificates of Competency (COCs) in the following areas: 4.2.1.1. Establish rubber budwood and seedlings nursery 4.2.1.2. Perform Budding Operation 4.2.1.3. Plant rubber trees/rubber seedlings 4.2.1.4. Harvest Latex Successful candidates shall be awarded Certificates of Competency (COCs) bearing the signature of the Regional Director and Chair of the recognized local industry body. 4.2.2. Demonstration of competence through project-type assessment covering all required units of qualification 4.2 Assessment shall focus on the core units of competency. The tool and common units shall be integrated or assessed concurrently with the core units. 4.3 Candidates can be assessed on individual units of competency and be issued Certificates of Competency if found competent. Certificates of Competency shall bear the signature of the Regional Director and Chair of the recognized local industry body. 4.4 The following are qualified to apply for assessment and certification:	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 To attain the national qualification of RUBBER PRODUCTION NC II, the candidate must demonstrate competence in all units listed in Section 1. Successful candidates shall be awarded a National Certificate signed by the TESDA Director General. 4.1.2 A Certificate of Competency (COC) is issued by the Authority to individuals who were assessed as competent in units of competencies, namely: COC 1: Produce budstick COC 2: Establish rubber nursery COC 3: Perform budding operation COC 4: Perform rubber farm maintenance COC 5: Harvest latex Upon accumulation and submission of all the COCs acquired, an individual shall be issued the corresponding National Certificate for the Qualification

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
4.4.1 Graduates of formal, non – formal and informal including enterprise – based training programs. 4.4.2 Experienced workers (wage employed or self – employed) 4.9 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).**	4.1.3 Assessment shall cover all competencies with basic and common integrated or assessed concurrently with the core units of competency. 4.1.4 Any of the following are qualified to apply for assessment and certification: 4.1.4.1 Graduates of WTR-registered, NTR-registered programs or formal/non-formal/informal including enterprise-based trainings related to Rubber Production NC II 4.1.4.2 Experienced workers (wage employed or self-employed) who gained competencies related to all the core competencies of Rubber Production NC II, for at least 6 months in the last 2 years. 4.1.5 Recognition of Prior Learning (RPL). Candidates who have gained competencies through education, informal training, previous work and/or life experiences related to all the core competencies of Rubber Production NC II, for at least 1 of year (within the last 5 years) may apply for recognition in this Qualification through Portfolio Assessment. Requirements and implementation procedure of Portfolio Assessment must be consistent with **TESDA Circular No. 47, series of 2018** on *"Implementing Guidelines on the Implementation of Portfolio Assessment Leading to Recognition of Prior Learning (RPL) within the TESDA Assessment and Certification System*, and with **TESDA Circular No. 118, series of 2019** on *"Addendum to the*

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
	Implementing Guidelines on the Implementation Portfolio Assessment Leading to Recognition of Prior Learning (RPL) within the TESDA Assessment and Certification System." 4.1.6 Holders of National Certificate (NC) or Certificates of Competency (COC) in Rubber Production NC II are required to undergo re-assessment under the amended Training Regulations (TRs), upon expiration of their Certificates. 4.1.7 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 Competency Assessment and Certification System (PTCACS)." **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. 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: 1. Identify the candidate's skills and knowledge 2. Highlight gaps in candidate's skills and knowledge 3. Provide critical guidance to the assessor and candidate on the evidence that need to be presented 4. Assist the candidate to identify key areas in which practice is needed or additional information

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
	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.

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

127th TESDA BOARD MEETING
09 February 2021, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

Resolution No. 2021 - 05
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APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR MOBILE PHONES AND HANDHELD GADGETS SERVICING NC III

WHEREAS, TESDA Board Resolution No. 2006-28 was issued on "Approving and Promulgating the Training Regulations for Various Qualifications" which included Consumer Electronics Servicing NC II, last 14 December 2006 during the 53rd 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 CATIAFI Foundation, Inc. with the assistance of the Qualifications and Standards Office (QSO) of TESDA has reviewed the Training Regulations for Consumer Electronics Servicing NC II last February 2013. Said TR was later superseded by the TR for Electronic Products Assembly and Servicing NC II which was promulgated on 17 December 2013 in response to the current skills requirements of the industry with its new technologies and industry manpower set-up;

WHEREAS, the scope of the work of the new TR for Mobile Phones and Handheld Gadgets Servicing NC III involves the servicing of mobile phones and handheld gadgets' hardware and software-related troubles. It covers only the repair, service and maintenance of all types of mobile phones and handheld gadgets. It does not include the servicing of full-function laptops, notebooks, game consoles and gadgets such as Xbox, PlayStation and handheld PABX devices;

WHEREAS, the industry experts and partners, headed by the officers of the Group of Professional Cellphone Technicians of the Philippines, Inc. (GPrompt) together with the GSM Sandwich and the Qualifications and Standards Office (QSO) endorsed the proposed newly developed TR for Mobile Phones and Handheld Gadgets Servicing NC III as a result of the review of the TR for Consumer Electronics Servicing NC II based on the current skills requirements of the industry with its new technologies and industry manpower set-up;

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APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR MOBILE PHONES AND HANDHELD GADGETS SERVICING NC III

WHEREAS, during the 129th Standards Setting and Systems Development (SSSD) Committee Meeting held on 11 December 2020, the Committee deliberated upon and agreed to favorably recommend the approval and promulgation of the TR for Mobile Phones and Handheld Gadgets Servicing NC III which is attached as Annex "A" and made an integral part of this Resolution;

WHEREAS, during the 126th TESDA Board Meeting on 15 December 2020, the TESDA Board remanded and recommended for the review of said TR, particularly on the issue of trainee entry requirements;

WHEREAS, during the 131st Standards Setting and Systems Development (SSSD) Committee Meeting held on 29 January 2021 and a Special Meeting with some members of the SSSDC and a representative from Legal Division held on 07 February 2021, the Committee further deliberated upon the issue on the trainee entry requirements and agreed to favorably recommend the approval and promulgation of the Training Regulations for Mobile Phones and Handheld Gadgets Servicing NC III;

NOW, THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED, that the Training Regulations for Mobile Phones and Handheld Gadgets Servicing NC III as herein appended as Annex A 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;

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APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR MOBILE PHONES AND HANDHELD GADGETS SERVICING NC III

(2) All programs to be registered under this new Training Regulations must comply with the requirements of the abovementioned Training Regulations. The registration under this new 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 9th day of February 2021.

ATTY. MARICHELLE D. DE GUZMAN
Board Secretary VI

Attested by:

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

Republic of the Philippines
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APPROVING AND PROMULGATING THE TRAINING REGULATIONS FOR MOBILE PHONES AND HANDHELD GADGETS SERVICING NC III

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

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

(Original Signed)
USEC. RAFAELITA M. ALDABA
Department of Trade and Industry

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

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

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

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

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MR. ROGELIO J. CHAVEZ, JR.
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DR. LEONIDA BAYANI-ORTIZ
Board Member, Employer Sector

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PROF. RANDOLPH I. NONATO
Board Member, Employer Sector

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

(Original Signed)
FR. ONOFRE G. INOCENCIO JR., SDB
Board Member, Education and Training Sector

ANNEX A

AMENDMENT ON TRAINING REGULATIONS FOR CONSUMER ELECTRONICS SERVICING NC II

Existing Promulgated Training Regulations (Board Resolution No. 2006-28)	**Amendments** (Board Resolution No. 2021- 05)
Qualification Title	
Consumer Electronic Servicing NC I **(COC #3 – Repair Cellular Phone)**	Mobile Phones and Handheld Gadgets Servicing NC III
Job Title	
• Cellular Phone Technician	• Mobile Phones and Handheld Gadgets Technician • Mobile Phones and Handheld Gadgets Specialist • Mobile Phones Technician
Section 1 - Definition of the Qualification	
The COC #3 – "Repair Cellular Phone" is part of the earlier TR for Consumer Electronics Servicing NC II that is later superseded by Electronic Products Servicing NC II.	The **Mobile Phones and Handheld Gadgets Servicing NC III** qualification consist of competencies that must be possessed to enable a person to service mobile phones and handheld gadgets' hardware and software related troubles. This qualification covers only the repair, service and maintenance of all types of mobile phones and handheld gadgets. It does not include the servicing of full-function laptops/notebooks, game consoles/gadgets like Xbox and PlayStation and handheld PABX devices.
Section 2- Competency Standards	
Basic Competencies • Participate in workplace communication • Work in team environment • Practice career professionalism • Practice occupational health and safety procedures	Basic Competencies • Lead workplace communication • Lead small teams • Apply critical thinking and problem-solving techniques in the workplace • Work in a diverse environment • Propose methods of applying learning and innovation in the organization • Use information systematically • Evaluate occupational safety and health work practices • Evaluate environmental work practices • Facilitate entrepreneurial skills for micro-small-medium enterprises (MSMEs)

Existing Promulgated Training Regulations (Board Resolution No. 2006-28)	**Amendments** (Board Resolution No. 2021- 05)
Common Competencies • Use hand tools • Perform mensuration and calculation • Prepare and interpret technical drawings • Apply quality standards	Common Competencies • Use hand tools • Perform mensuration and calculation • Prepare and interpret technical drawings • Apply quality standards • Perform computer operations • Terminate and connect electrical wiring and electronic circuits • Test electronic components
Core Competencies • Maintain and repair cellular phone	Core Competencies • Prepare workplace for servicing mobile phone units and handheld gadgets • Diagnose and identify hardware and software related problems • Troubleshoot and repair mobile phone units and handheld gadgets • Perform functionality testing and documentation
Section 3 - Training Standards	
3.1 Curriculum Design	
Nominal Training Duration	
18 hrs – Basic Competencies 34 hrs – Common Competencies 40 hrs – Core Competencies (Unit of Competency #3) 92 hrs - Total	40 hrs – Basic Competencies 52 hrs – Common Competencies 280 hrs – Core Competencies 372 hrs - Total + 300 hrs – Supervised-Industry Learning (SIL) 672 hrs. – Total training duration
Course Description	
This module is designed to enhance the kowledge, skills and attitude of the trainees in maintaining, repairing and enhancing a cellular phone unit.	This course is designed to provide the learner with knowledge, practical skills, & attitudes, applicable in performing work activities involve in preparing workplace for servicing, diagnosing and identifying hardware and software related problems, troubleshooting and repairing mobile phone and handheld gadget including performing functionality testing and documentation. This includes classroom learning activities and practical work in actual work site or simulation area. Upon completion of the program, 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.

Existing Promulgated Training Regulations (Board Resolution No. 2006-28)	Amendments (Board Resolution No. 2021- 05)
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 the 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; • 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.	1. The delivery of training shall adhere to the design of the curriculum. Delivery shall be guided by the principles of competency-based TVET. • 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) • Training delivery is learner-centered and should accommodate individualized and self-paced learning strategies; • Training can be done on an actual workplace setting, simulation of a workplace and/or through adoption of modern technology. • Assessment is based in the collection of evidence of the performance of work to the industry required standards; • 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. • Training program allows for recognition of prior learning (RPL) or current competencies; and • Training completion is based on satisfactory performance of all specified competencies.
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 only facilitates the training delivery. • Peer teaching/mentoring is a training modality wherein fast learners are given the	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. 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

Existing Promulgated Training Regulations (Board Resolution No. 2006-28)	**Amendments** (Board Resolution No. 2021- 05)
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 a 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 instructors are not in the same place. Distance learning may employ correspondence study, or audio, video or computer technologies.	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 • The traditional classroom-based or in-center instruction may be enhanced through use 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 • Community-Based is short term programs 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).

Existing Promulgated Training Regulations (Board Resolution No. 2006-28)	Amendments (Board Resolution No. 2021- 05)
3.3 Trainee Entry Requirements	
The trainees who wish to enter the course should possess the following requirements: • Can communicate in oral and written language • Can perform basic mathematical computations • Must be physically and mentally fit to undergo training This list does not include specific institutional requirements such as educational attainment, appropriate work experience and others that may be required from the trainees by the school or training center delivering the TVET program.	Trainees or students wishing to enroll in this program should possess the following requirements: • Have completed at least 10 years basic education or an alternative learning systems (ALS) certificate of completion with grade 10 equivalent holder; • Communicate effectively both oral and written form; • Can perform basic mathematical computations

1.4 List of Tools, Equipment and Materials

Recommended list of tools, equipment and materials for the training of 25 trainees:

TOOLS	
QTY.	**DECRIPTION**
1 pc	Long-nosed pliers
1 pc	Diagonal cutters
1 pc	Standard screwdrivers
1 set	Soldering iron, 30w
1 set	Desoldering tools, 30w
1 set	Screw driver assorted, Phillips, slotted
1 set	Wrenches assorted
1 set	Allen wrench/key
1 pc	Utility knife/stripper
1 set	Pliers assorted, Long nose, Side cutter
1 set	Test jig
	Ball peen hammer
	Bluetooth
	Cleaning brush
	Flashlight
	Hot air soldering tool
	Nut drivers (assorted)
	Open tool 6600/7650
	Set of torx/star bit
	Test light
	Tweezer
	Wire stripper

TOOLS	
QTY.	**DESCRIPTION**
20 pcs	Soldering iron, 40W / 60W
20 pcs	Soldering stand
10 pcs	Desoldering tools
20 pcs	Tweezer
10 pcs	Opening tool (SRT type)
20 sets	Blade cutter/scissor
10 sets	Precision screwdrivers, assorted
10 sets	Set of torx/star bit
20 units	Multi-testers (analog/digital)
20 sets	Pliers, assorted
2 pcs	Flat file
20 pcs	PCB holder
20 pcs	Anti-static mat, small
5 pcs	USB cable
5 sets	Charger, for mobile phone/handheld gadget, assorted
1 subs	Internet connection, at least 25 Mbps
	GSM box/dongle
1 set	Z3X dongle
1 set	CM2 dongle
1 set	MRT dongle
1 set	Schematic applications (dongle)
As required	Appropriate GSM box/software tools for mobile phone and handheld gadgets model and brand

EQUIPMENT	
QTY.	ITEM
1 pc	Multimeter
1 set	ESD free work bench with mirror Back-to-back/one-sided
1 set	High grade magnifying glass with lamp
	High voltage probe
	Infrared
	Multi-testers (analog/digital)
	Oscilloscope
	PC Computer
	Power Supply-variables
	Signal generator - AF/RF
	Step-down transformer
	TV pattern generator
	Variable power supply
	Work bench
	Board for rework

MATERIALS	
QTY.	ITEM
1 spool	Solder lead
1 set	Cleaning brush
1 kilo	lead free solder
1 kilo	rosin core solder
10m	wire stranded, #22, red
10m	wire stranded, #22, black
10m	wire stranded, #22, white
10m	wire stranded, #22, blue
10m	wire stranded, #22, yellow
10m	wire stranded, #22, green
5ml	silicon grease
50 pcs	resistors (different values)
50 pcs	capacitors (different values)
1pc	transformer
	Assorted electronic components
	Cleaning agent
	Plate for reball
	Lubricants

EQUIPMENT	
QTY.	QTY.
4 units	Desktop computer/ laptop with appropriate operating system (32-/ 64-bits), at least i3, 8 GB RAM, 120 GB SSD
4 units	Mobile phone, assorted model with parts (for demo)
4 units	Tablet/iPad, assorted model with parts (for demo)
4 units	Power Supply-variables
1 unit	Oscilloscope (optional)
4 units	Rework station (Hot air) with soldering tool
4 units	High-grade magnifying glass with lamp
1 unit	Trinocular microscope
10 pcs	Flashlight
1 unit	Modem/router
1 unit	LCD projector
	PPEs
20 pcs	Face/Dust Mask
20 pairs	Anti-static gloves
20 pcs	Goggles/eye protector

MATERIALS	
QTY.	ITEM
20 pcs	Assorted mobile phone logic board with parts
20 pcs	Assorted handheld gadgets logic board with parts
20 pcs	Power switch, assorted
20 pcs	Charging pin, assorted
20 pcs	Mouthpiece/Buzzer/Earpiece, assorted
20 pcs	Plastic container, small (for screw)
4 sets	Memory card reader
4 rolls	magnetic wires/jumper wire
4 sets	USB cable, assorted
4 rolls	Soldering lead
4 pcs	Soldering wick
4 cans	Soldering paste
4 cans	Flux
4 tubes	Adhesive paste
4 bottles	Anti-adhesive liquid
1 roll	Kapton tape
4 bottles	Cleaning agent
20 pcs	Cleaning brush
1 unit	White board
10 pcs	White board marker (assorted color)

Existing Promulgated Training Regulations (Board Resolution No. 2006-28)	Amendments (Board Resolution No. 2021- 05)

3.5 Training Facilities

Recommended space requirements for the various teaching/learning areas are as follows:

TEACHING/ LEARNING AREAS	SIZE IN METERS	AREA IN SQ. METERS	QTY	TOTAL AREA IN SQ. METERS
Lecture Area*	4 x 5	20	1	20
Laboratory Area (2 Workstations) 3.5 x 2.5		20	Minimum of 5 work-stations	45
Learning Resource Area	4 x 5	20	1	20
Tool Room/ Storage Area	4 x 4	16	1	16
Wash ,Toilet & Locker Room	2 x 5	10	2	20
Total				121
Facilities / Equipment / Circulation**				36
Total Area				**157**

* *Optional (good for 10 trainees)*

***Area requirement is equivalent to 30% of the total teaching/learning areas*

Based on class size of 25 students/trainees the space requirements for the teaching/ learning and circulation areas are as follows:

TEACHING/ LEARNING AREAS	SIZE IN METERS	AREA IN SQ. METERS	QTY	TOTAL AREA IN SQ. METERS
Lecture/ Laboratory Area*	5 x 8	40	1	40
Learning Resource Area	4 x 5	20	1	20
Tool Room/Storage Area	2 x 2	4	1	4
Wash, Toilet & Locker Room	1 x 2	2	2	4
Total				68
Facilities / Equipment / Circulation**				20
Total Area				**88**

** Area requirement is equivalent to 30% of the total teaching/learning areas

(Board Resolution No. 2006-28)	Amendments (Board Resolution No. 2021- 05)
3.6 Trainer's Qualification	
Consumer Electronics Servicing NC II Trainer's Qualification TQ II • Must be a holder of TESDA Consumer Electronics Servicing NCII or equivalent • Must have completed Training Methodology II (TM II) course or equivalent • * Must have at least 2-years relevant industry experience. • Must be physically & mentally fit. * Optional: *Only when required by the hiring institution*	**Mobile Phones and Handheld Gadgets Servicing NC III** • Must be a holder of National TVET Trainers Certificate (NTTC) Level I in Mobile Phones and Handheld Gadgets Servicing NC III • Must have at least three (3) years relevant experienced in mobile devices servicing industry within the last six (6) years
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 undertaken by trainees to determine their achievement of units of competency. A certificate of achievement is issued for each unit of competency. It is recommended that a comprehensive written examination covering the basic, common and core competencies be administered at the end of the training.
Section 4. National Assessment and Certification Arrangements	
4.1 To attain the National Qualification of **Transport RAC Servicing NC II**, the candidate must demonstrate competency in all the units listed in Section 1. Successful candidates shall be awarded a **National Certificate II** signed by the TESDA Director General. 4.2 The qualification **Transport RAC Servicing NC II** can be attained through: 4.2.1 Accumulation of Certificates of Competency (COCs) in all the following units of competencies: 4.2.1.1 Assemble/ Disassemble Consumer Electronics Products and Systems 4.2.1.2 Maintain and Repair Audio/ Video Products and Systems 4.2.1.3 Maintain and Repair Audio/ Video Products and Systems 4.2.1.4 Maintain and Repair Cellular Phones	4.1 To attain the National Qualification of **Mobile Phones and Handheld Gadgets Servicing NC III**, the candidate must demonstrate competency in all the units listed in Section 1. Successful candidates shall be awarded a **National Certificate** signed by the TESDA Director General. 4.2 The qualification of **Mobile Phones and Handheld Gadgets Servicing NC III** may be attained through demonstration of competency through project-type assessment covering all the units of competency required in the qualification. 4.3 Assessment shall focus on the core units of competency. The basic and common units shall be integrated or assessed concurrently with the core units. 4.4 Any of the following are qualified to undergo assessment and certification: 4.4.1 Graduates of WTR-registered program, NTR-registered programs or formal/non-formal/informal including enterprise-based trainings related to mobile devices servicing courses and/or programs;
Existing Promulgated Training Regulations	**Amendments**

(Board Resolution No. 2006-28)	(Board Resolution No. 2021- 05)
Successful candidates shall be awarded a Certificate of Competency (COC) in each of the core units. 4.5 Upon 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 4.6 Assessment shall focus on the core units of competency. The basic and common units shall be integrated or assessed concurrently with the core units. 4.7 The following are qualified to apply for assessment and certification: 4.5.1 Graduate of formal, non-formal and informal including enterprise-based training programs 4.5.2 Experienced workers (wage employed or self-employed) 4.8 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)".	4.4.2 Experienced workers (wage employed or self-employed) who gained competencies in mobile devices servicing for at least one (1) year within the last five (5) years 4.5 Recognition of Prior Learning (RPL). Candidates who have gained competencies through education, informal training, previous work or life experiences with at least three (3) years of mobile devices servicing experience within the last six (6) years may apply for recognition in this Qualification through Portfolio Assessment 4.6 Individuals who already possess Certificate of Competency (COC) in Maintain and Repair Cellular Phones are required to take the assessment for this TR on or before the expiration of their COCs. 4.7 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 Competency Assessment and Certification System (PTCACS)".