

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
09 February 2021, Tuesday, 9:00 a.m.
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.
Teleconference Via Zoom Platform

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
09 February 2021, Tuesday, 9:00 a.m.
Teleconference Via Zoom Platform

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	
<p>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.</p>	<p>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.</p>
Job Titles	
<ul style="list-style-type: none"> • Budder • Tapper • Nursery caretaker • Rubber plantation worker • Rubber Farmer 	<ul style="list-style-type: none"> • Plant propagator • Nursery caretaker • Nursery operator • Budder • Tapper • Rubber farmer • Rubber farm worker
SECTION 2: Competency Standards	
<u>Basic Competencies</u>	<u>Basic Competencies</u>
<ol style="list-style-type: none"> 1. Participate in workplace communication 2. Work in a team environment 3. Practice career professionalism 4. Practice occupational health and safety procedures 	<ol style="list-style-type: none"> 1. Participate in workplace communication 2. Work in team environment 3. Solve/address general workplace problems 4. Develop career and life decisions 5. Contribute to workplace innovation 6. Present relevant information 7. Practice occupational safety and health policies and procedures 8. Exercise efficient and effective sustainable practices in the workplace 9. Practice entrepreneurial skills in the workplace
<u>Common Competencies</u>	<u>Common Competencies</u>
<ol style="list-style-type: none"> 1. Apply safety measures in farm operations 2. Use farm tools and equipment 3. Perform estimation and calculations 	<ol style="list-style-type: none"> 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																		
<p><u>Core Competencies</u></p> <ol style="list-style-type: none"> 1. Establish rubber budwood and seedlings nursery 2. Plant rubber trees/rubber seedlings 3. Perform budding operation 4. Harvest latex 	<p><u>Core Competencies</u></p> <ol style="list-style-type: none"> 1. Produce budstick 2. Establish rubber nursery 3. Perform budding operation 4. Perform rubber farm maintenance 5. Harvest latex 																		
<p>SECTION 3: Training Standards</p> <p>3.1 Curriculum Design:</p> <p>Nominal Training Hours:</p> <table style="margin-left: 40px;"> <tr><td>18</td><td>Hours (Basic Competencies)</td></tr> <tr><td>14</td><td>Hours (Common Competencies)</td></tr> <tr><td>210</td><td>Hours (Core Competencies)</td></tr> <tr><td>80</td><td>SIT/OJT</td></tr> <tr><td><u>322</u></td><td>Total training duration</td></tr> </table>	18	Hours (Basic Competencies)	14	Hours (Common Competencies)	210	Hours (Core Competencies)	80	SIT/OJT	<u>322</u>	Total training duration	<p>SECTION 3: Training Arrangements</p> <p>Nominal Training Duration:</p> <table style="margin-left: 40px;"> <tr><td>37</td><td>Hours (Basic Competencies)</td></tr> <tr><td>72</td><td>Hours (Common Competencies)</td></tr> <tr><td><u>212</u></td><td>Hours (Core Competencies)</td></tr> <tr><td>321</td><td>TOTAL HOURS</td></tr> </table> <p>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 <i>"Implementing Guidelines for Supervised Industry Learning (SIL)"</i>, particularly under Sections V, VI and VII thereof.</p>	37	Hours (Basic Competencies)	72	Hours (Common Competencies)	<u>212</u>	Hours (Core Competencies)	321	TOTAL HOURS
18	Hours (Basic Competencies)																		
14	Hours (Common Competencies)																		
210	Hours (Core Competencies)																		
80	SIT/OJT																		
<u>322</u>	Total training duration																		
37	Hours (Basic Competencies)																		
72	Hours (Common Competencies)																		
<u>212</u>	Hours (Core Competencies)																		
321	TOTAL HOURS																		
<p>Course Description</p> <p>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.</p>	<p>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.</p> <p>Upon completion of the course, the learners are expected to demonstrate the above-mentioned competencies to be employed. To obtain this, all units prescribed for this qualification must be achieve.</p>																		

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
<p>3.2 Training Delivery</p> <p>The delivery of training should adhere to the design of the curriculum. Delivery should be guided by the 10 basic principles of competency-based TVET.</p> <ul style="list-style-type: none"> • The training is based on curriculum developed from the competency standards; • Learning is modular in its structure; • Training delivery is individualized and self-paced; • Training is based on work that must be performed; • Training materials are directly related to the competency standards and the curriculum modules; • Assessment is based in the collection of evidence of the performance of work to the industry required standard; • Training is based both on and off-the-job components; • Allows for recognition of prior learning (RPL) or current competencies; • Training allows for multiple entry and exit; and • Approved training programs are nationally accredited. <p>The competency-based TVET system recognizes various types of delivery modes, both on and off-the-job as long as the learning is driven by the competency standards specified by the industry. The following training modalities may be adopted when designing training programs:</p> <ul style="list-style-type: none"> • The dualized mode of training delivery is preferred and recommended. Thus programs would contain both in-school and in-industry training or fieldwork components. Details can be referred to the 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. 	<p>1. The delivery of training shall adhere to the design of the curriculum. Delivery shall be guided by the principles of competency-based TVET.</p> <ol style="list-style-type: none"> a. Course design is based on competency standards set by the industry or recognized industry sector; (Learning system is driven by competencies written to industry standards) b. Training delivery is learner-centered and should accommodate individualized and self-paced learning strategies; c. Training can be done on an actual workplace setting, simulation of a workplace and/or through adoption of modern technology. d. Assessment is based in the collection of evidence of the performance of work to the industry required standards; e. Assessment of competency takes the trainee's knowledge and attitude into account but requires evidence of actual performance of the competency as the primary source of evidence. f. Training program allows for recognition of prior learning (RPL) or current competencies; g. Training completion is based on satisfactory completion of all specified competencies not on the specified nominal duration of learning. <p>2. The competency-based TVET system recognizes various types of delivery modes, both on-and off-the-job as long as the learning is driven by the competency standards specified by the industry. The following training modalities and their variations/ components may be adopted singly or in combination with other modalities when designing and delivering training programs:</p> <p>2.1 School/Institution- Based:</p> <ul style="list-style-type: none"> • Dual Training System (DTS)/Dualized Training Program (DTP) which contain both in-school and in-industry training

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
<ul style="list-style-type: none"> Supervised industry training or on-the-job training is an approach in training designed to enhance the knowledge and skills of the trainee through actual experience in the workplace to acquire specific competencies prescribed in the training regulations. Distance learning is a formal education process in which majority of the instruction occurs when the students and instructor are not in the same place. Distance learning may employ correspondence study, or audio, video or computer technologies. Project-Based Instruction is an authentic instructional model or strategy in which students plan, implement and evaluate projects that have real world applications. 	<p>or fieldwork components. Details can be referred to the Implementing Rules and Regulations of the DTS Law and the TESDA Guidelines on the DTP;</p> <ul style="list-style-type: none"> Distance learning is a formal education process in which majority of the instruction occurs when the students and instructor are not in the same place. Distance learning may employ correspondence study, audio, video, computer technologies or other modern technology that can be used to facilitate learning and formal and non-formal training. Specific guidelines on this mode shall be issued by the TESDA Secretariat. Supervised Industry Training (SIT) or on-the-job training (OJT) is an approach in training designed to enhance the knowledge and skills of the trainee through actual experience in the workplace to acquire specific competencies as prescribed in the training regulations. It is imperative that the deployment of trainees in the workplace is adhered to training programs agreed by the institution and enterprise and status and progress of trainees are closely monitored by the training institutions to prevent opportunity for work exploitation. The classroom-based or in-center instruction uses of learner-centered methods as well as laboratory or field-work components.

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
	<p>2.2 Enterprise-Based:</p> <ul style="list-style-type: none"> • Formal Apprenticeship – Training within employment involving a contract between an apprentice and an enterprise on an approved apprenticeable occupation. • Informal Apprenticeship - is based on a training (and working) agreement between an apprentice and a master 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. <p>2.3 Community-Based – short term program conducted by non-government organizations (NGOs), LGUs, training centers and other TVET providers which are intended to address the specific needs of a community. Such programs can be conducted in informal settings such as barangay hall, basketball courts, etc. These programs can also be mobile training program (MTP).</p>
<p>3.3 Trainee Entry Requirements</p> <p>Trainees or students wishing to enroll in this course should possess the following requirements.</p> <ul style="list-style-type: none"> • Able to read and write; 	<p>Trainees or students who would like to enroll in this program must possess the following requirements:</p> <ul style="list-style-type: none"> • Must have basic communication skills

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
<ul style="list-style-type: none"> • With good moral character; • Ability to communicate, both oral and written • Physically fit and mentally healthy as certified by a Public Health Officer 	<ul style="list-style-type: none"> • Must have basic arithmetic skills <p>This list does not include specific institutional requirements such as educational attainment, appropriate work experience, and others that may be required of the trainees by the school or training center delivering the TVET program.</p>

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

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)

Amendments

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	4sets	• Protective clothing equipment or PPE which includes:
4pcs	• Sacks	4pcs	• Scissors		o Rubber boots
4mps	• Bond paper	4pcs	• Rake		o Head gear
25pcs	• Clips	4pcs	• Broomstick		o Googles
25pcs	• Marking pens	4pcs	• Seedling tray		o Body protector (jacket etc.)
25pcs	• Paper Pencils	4pcs	• Shovel		o Gloves
				1	o Mask
					• 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		

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, balloon 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	Spoon
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:

- Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies.
- Items with asterisk (*) will be required during the pandemic as mandated by the existing guidelines issued by the government in line with protection against virus and other infectious diseases for trainees and trainers.

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments																																																																																																														
	<p>B. PER COC</p> <p>COC 1 – PRODUCE BUDSTICK</p> <table border="1" data-bbox="839 512 1437 675"> <thead> <tr> <th colspan="2">TOOLS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>5 pcs</td><td>Shovel, spade shape</td></tr> <tr> <td>2 pcs</td><td>Digging bar, 1.5m</td></tr> <tr> <td>2 pcs</td><td>Measuring steel tape, 6m</td></tr> <tr> <td>5 pcs</td><td>Handsaw</td></tr> <tr> <td>5 pcs</td><td>Pruning shear, small</td></tr> <tr> <td>5 pcs</td><td>Bolo</td></tr> </tbody> </table> <table border="1" data-bbox="839 694 1437 755"> <thead> <tr> <th colspan="2">EQUIPMENT</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td></td><td>None</td></tr> </tbody> </table> <table border="1" data-bbox="839 773 1437 1143"> <thead> <tr> <th colspan="2">MATERIALS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>100 pcs</td><td>Sticks</td></tr> <tr> <td>50m</td><td>Rope, 5mm thickness</td></tr> <tr> <td>2 Kilos</td><td>Fertilizer, complete</td></tr> <tr> <td>100 ml</td><td>Fungicide</td></tr> <tr> <td>100 ml</td><td>Insecticide</td></tr> <tr> <td>1 pack</td><td>Rodenticide 100g/pack</td></tr> <tr> <td>5 pcs</td><td>Record book, 50pp</td></tr> <tr> <td>1 pc</td><td>Garbage bin, small</td></tr> <tr> <td>5 pcs</td><td>Jute sack</td></tr> <tr> <td>1 roll</td><td>Twine, small</td></tr> <tr> <td>20 pcs</td><td>Vacuum cellophane (budding tape), 1x1m</td></tr> <tr> <td>2 pcs</td><td>Box</td></tr> <tr> <td>1 pack</td><td>Used paper</td></tr> <tr> <td>1 roll</td><td>Packaging tape, 1"</td></tr> <tr> <td>1 gallon</td><td>70% alcohol*</td></tr> <tr> <td>20 pcs</td><td>Face shield*</td></tr> </tbody> </table> <p>NOTE:</p> <ol style="list-style-type: none"> Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies. Items with asterisk (*) will be required during the pandemic as mandated by the existing guidelines issued by the government in line with protection against virus and other infectious diseases for trainees and trainers. <p>COC 2 – ESTABLISH RUBBER NURSERY</p> <table border="1" data-bbox="839 1356 1437 1492"> <thead> <tr> <th colspan="2">TOOLS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>5 pcs</td><td>Shovel, spade shape</td></tr> <tr> <td>5 pcs</td><td>Rice funnel</td></tr> <tr> <td>5 pcs</td><td>Pruning shear, small</td></tr> <tr> <td>20 pcs</td><td>Budding knife, small</td></tr> <tr> <td>1 pc</td><td>Knapsack sprayer, 16 L capacity</td></tr> </tbody> </table> <table border="1" data-bbox="839 1510 1437 1571"> <thead> <tr> <th colspan="2">EQUIPMENT</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td></td><td>none</td></tr> </tbody> </table> <table border="1" data-bbox="839 1589 1437 1891"> <thead> <tr> <th colspan="2">MATERIALS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>5 packs</td><td>Polybags 100pcs/pack, 8"x20"</td></tr> <tr> <td>2 pcs</td><td>Water sprinkler</td></tr> <tr> <td>100 ml</td><td>Fungicide</td></tr> <tr> <td>100 ml</td><td>Insecticide</td></tr> <tr> <td>1 pack</td><td>Rodenticide 100g/pack</td></tr> <tr> <td>5 pcs</td><td>Pail, small</td></tr> <tr> <td></td><td>PPEs:</td></tr> <tr> <td>6 pairs</td><td>Gloves</td></tr> <tr> <td>20 pcs</td><td>Mask</td></tr> <tr> <td>6 pairs</td><td>Boots</td></tr> <tr> <td>5 pcs</td><td>Long sleeves</td></tr> <tr> <td>5 pcs</td><td>Hat</td></tr> <tr> <td>1 gallon</td><td>70% alcohol*</td></tr> <tr> <td>20 pcs</td><td>Face shield*</td></tr> </tbody> </table> <p>NOTE:</p> <ol style="list-style-type: none"> Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies. Items with asterisk (*) will be required during the pandemic as mandated by the existing guidelines issued by the government in line with protection against virus and other infectious diseases for trainees and trainers. 	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	20 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*	TOOLS		QTY	DESCRIPTION	5 pcs	Shovel, spade shape	5 pcs	Rice funnel	5 pcs	Pruning shear, small	20 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	Fungicide	100 ml	Insecticide	1 pack	Rodenticide 100g/pack	5 pcs	Pail, small		PPEs:	6 pairs	Gloves	20 pcs	Mask	6 pairs	Boots	5 pcs	Long sleeves	5 pcs	Hat	1 gallon	70% alcohol*	20 pcs	Face shield*
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																																																																																																														
20 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*																																																																																																														
TOOLS																																																																																																															
QTY	DESCRIPTION																																																																																																														
5 pcs	Shovel, spade shape																																																																																																														
5 pcs	Rice funnel																																																																																																														
5 pcs	Pruning shear, small																																																																																																														
20 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	Fungicide																																																																																																														
100 ml	Insecticide																																																																																																														
1 pack	Rodenticide 100g/pack																																																																																																														
5 pcs	Pail, small																																																																																																														
	PPEs:																																																																																																														
6 pairs	Gloves																																																																																																														
20 pcs	Mask																																																																																																														
6 pairs	Boots																																																																																																														
5 pcs	Long sleeves																																																																																																														
5 pcs	Hat																																																																																																														
1 gallon	70% alcohol*																																																																																																														
20 pcs	Face shield*																																																																																																														

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments																																																																												
	<p>COC 3 – PERFORM BUDDING OPERATIONS</p> <table border="1" data-bbox="837 442 1444 555"> <thead> <tr> <th colspan="2">TOOLS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>20 pcs</td><td>Budding knife, small</td></tr> <tr> <td>5 pcs</td><td>Pruning saw, small</td></tr> <tr> <td>5 pcs</td><td>Pruning shear, small</td></tr> </tbody> </table> <table border="1" data-bbox="837 578 1444 646"> <thead> <tr> <th colspan="2">EQUIPMENT</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td></td><td>none</td></tr> </tbody> </table> <table border="1" data-bbox="837 669 1444 952"> <thead> <tr> <th colspan="2">MATERIALS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>20 pcs</td><td>Vacuum cellophane (budding tape), 1x1m</td></tr> <tr> <td>5 pcs</td><td>Sand paper grit 1,000</td></tr> <tr> <td>5 pcs</td><td>Sharpening stone</td></tr> <tr> <td>25 pcs</td><td>Cloth</td></tr> <tr> <td>5 pcs</td><td>Jute sack</td></tr> <tr> <td>5 pcs</td><td>Banana bracts</td></tr> <tr> <td>1 roll</td><td>Twine, small</td></tr> <tr> <td></td><td>PPEs:</td></tr> <tr> <td>6 pairs</td><td>Gloves</td></tr> <tr> <td>1 gallon</td><td>70% alcohol*</td></tr> <tr> <td>20 pcs</td><td>Face shield*</td></tr> </tbody> </table> <p>NOTE:</p> <ol style="list-style-type: none"> Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies. Items with asterisk (*) will be required during the pandemic as mandated by the existing guidelines issued by the government in line with protection against virus and other infectious diseases for trainees and trainers. <p>COC 4 – PERFORM RUBBER FARM MAINTENANCE</p> <table border="1" data-bbox="837 1179 1444 1485"> <thead> <tr> <th colspan="2">TOOLS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>5pcs</td><td>Digging bar</td></tr> <tr> <td>5pcs</td><td>Shovel</td></tr> <tr> <td>5pcs</td><td>Sickle</td></tr> <tr> <td>5pcs</td><td>Selector knife</td></tr> <tr> <td>5pcs</td><td>Grab hoe</td></tr> <tr> <td>5pcs</td><td>Bark scraper (wood or steel)</td></tr> <tr> <td>5pcs</td><td>Pruning saw</td></tr> <tr> <td>5pcs</td><td>Pruning shear</td></tr> <tr> <td>5pcs</td><td>Clip pruner</td></tr> <tr> <td>3 pcs</td><td>Cane knife</td></tr> <tr> <td>3 pcs</td><td>A frame (for staking)</td></tr> </tbody> </table> <table border="1" data-bbox="837 1508 1444 1598"> <thead> <tr> <th colspan="2">EQUIPMENT</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr> <td>2 units</td><td>Knapsack sprayer</td></tr> <tr> <td>2 units</td><td>Ladder (30 steps)</td></tr> </tbody> </table>	TOOLS		QTY	DESCRIPTION	20 pcs	Budding knife, small	5 pcs	Pruning saw, small	5 pcs	Pruning shear, small	EQUIPMENT		QTY	DESCRIPTION		none	MATERIALS		QTY	DESCRIPTION	20 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*	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)
TOOLS																																																																													
QTY	DESCRIPTION																																																																												
20 pcs	Budding knife, small																																																																												
5 pcs	Pruning saw, small																																																																												
5 pcs	Pruning shear, small																																																																												
EQUIPMENT																																																																													
QTY	DESCRIPTION																																																																												
	none																																																																												
MATERIALS																																																																													
QTY	DESCRIPTION																																																																												
20 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*																																																																												
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																																																																																																														
	<table border="1" data-bbox="837 408 1444 1065"> <thead> <tr> <th colspan="2">MATERIALS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td>3 pcs</td><td>Compass, small</td></tr> <tr><td>5 pcs</td><td>Pail, small</td></tr> <tr><td>5 sets</td><td>Measuring cup</td></tr> <tr><td>5 pcs</td><td>Measuring tape</td></tr> <tr><td>20 m</td><td>Plastic rope, ballpen size, 5mm dia.</td></tr> <tr><td>100 pcs</td><td>Bamboo stick, 0.5 m in L.</td></tr> <tr><td>25 pcs</td><td>Bamboo pole, 1m in L.</td></tr> <tr><td>25 pcs</td><td>Collector of used polybag, 1m in L.</td></tr> <tr><td>25 pcs</td><td>Ready-to-plant budded rubber planting material</td></tr> <tr><td>4 kg</td><td>Fertilizer (150 g phosphorus, 0-22-0)/per plant</td></tr> <tr><td>25 pcs</td><td>Paint brush</td></tr> <tr><td>10 pcs</td><td>Plastic container</td></tr> <tr><td>25 pcs</td><td>Jute sack</td></tr> <tr><td>1L</td><td>Pesticides</td></tr> <tr><td>4 kg</td><td>Fertilizers (75 gms/transplanted planting material)</td></tr> <tr><td>1L</td><td>Herbicides</td></tr> <tr><td>10 m</td><td>Twine, 5mm</td></tr> <tr><td>25 pcs</td><td>Paint marker</td></tr> <tr><td>50 pcs</td><td>Bamboo pole</td></tr> <tr><td>100 m</td><td>Rope # 1</td></tr> <tr><td>25 pcs</td><td>Bamboo stick (as digger)</td></tr> <tr><td>5 sets</td><td>Harness and safety belt</td></tr> <tr><td>5 sets</td><td>Personal Protective Equipment <ul style="list-style-type: none"> • Rubber boots • Head gear • Goggles • Body protector (jacket, long sleeves) • Gloves • Mask </td></tr> <tr><td>1 gallon</td><td>70% alcohol*</td></tr> <tr><td>20 pcs</td><td>Face shield*</td></tr> </tbody> </table> <p>NOTE:</p> <ol style="list-style-type: none"> Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies. Items with asterisk (*) will be required during the pandemic as mandated by the existing guidelines issued by the government in line with protection against virus and other infectious diseases for trainees and trainers. <p>COC 5 – HARVEST LATEX</p> <table border="1" data-bbox="837 1258 1444 1383"> <thead> <tr> <th colspan="2">TOOLS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td>5 pcs</td><td>Tapping knife</td></tr> <tr><td>5 pcs</td><td>Tapping knife holder</td></tr> <tr><td>3 pcs</td><td>Tapping panel templates, 30 and 45 degree</td></tr> <tr><td>5 pcs</td><td>Sharpening stone, fine and rough</td></tr> </tbody> </table> <table border="1" data-bbox="837 1394 1444 1485"> <thead> <tr> <th colspan="2">EQUIPMENT</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td>10 units</td><td>Head gear lights</td></tr> <tr><td>2 units</td><td>Weighing scales, 5K capacity</td></tr> </tbody> </table> <table border="1" data-bbox="837 1496 1444 1939"> <thead> <tr> <th colspan="2">MATERIALS</th></tr> <tr> <th>QTY</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td>5 sets</td><td>Personal Protective Equipment <ul style="list-style-type: none"> • Rubber boots • Head gear • Goggles • Body protector (jacket, long sleeves) • Gloves • Mask </td></tr> <tr><td>5 pcs</td><td>Tapping knife holder</td></tr> <tr><td>5 L</td><td>Formic acid</td></tr> <tr><td>25 pcs</td><td>Stimula stick</td></tr> <tr><td>5 pcs</td><td>Record book</td></tr> <tr><td>50 pcs</td><td>Spout</td></tr> <tr><td>50 pcs</td><td>Rubber latex cups</td></tr> <tr><td>50 pcs</td><td>Cup holder</td></tr> <tr><td>1 roll</td><td>Twine, small</td></tr> <tr><td>5 pcs</td><td>Measuring tape</td></tr> <tr><td>5 pcs</td><td>Measuring stick</td></tr> <tr><td>10 pcs</td><td>Containers (harvesting) 10 L capacity</td></tr> <tr><td>25 pcs</td><td>Bark marker</td></tr> <tr><td>5 pcs</td><td>Collecting bucket, 20 Liters or 20 Kilos capacity</td></tr> <tr><td>1 gallon</td><td>70% alcohol*</td></tr> <tr><td>20 pcs</td><td>Face shield*</td></tr> </tbody> </table> <p>NOTE:</p> <ol style="list-style-type: none"> Access to and use of equipment/facilities can be provided through cooperative arrangements or MOA with other partner/companies. Items with asterisk (*) will be required during the pandemic as mandated by the existing guidelines issued by the government in line with protection against virus and other infectious diseases for trainees and trainers. 	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 <ul style="list-style-type: none"> • Rubber boots • Head gear • Goggles • Body protector (jacket, long sleeves) • Gloves • Mask 	1 gallon	70% alcohol*	20 pcs	Face shield*	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 <ul style="list-style-type: none"> • Rubber boots • Head gear • Goggles • Body protector (jacket, long sleeves) • Gloves • Mask 	5 pcs	Tapping knife holder	5 L	Formic acid	25 pcs	Stimula 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*
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 <ul style="list-style-type: none"> • Rubber boots • Head gear • Goggles • Body protector (jacket, long sleeves) • Gloves • Mask 																																																																																																														
1 gallon	70% alcohol*																																																																																																														
20 pcs	Face shield*																																																																																																														
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 <ul style="list-style-type: none"> • Rubber boots • Head gear • Goggles • Body protector (jacket, long sleeves) • Gloves • Mask 																																																																																																														
5 pcs	Tapping knife holder																																																																																																														
5 L	Formic acid																																																																																																														
25 pcs	Stimula 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*																																																																																																														

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments																																																																	
3.5 Training Facilities																																																																		
RUBBER PRODUCTION NC II Based on a class size of 25 students/trainees	RUBBER PRODUCTION NC II Based on a class intake of 25 learners/ trainees.																																																																	
<table><tr><th>SPACE REQUIREMENT</th><th>SIZE IN METERS</th><th>TOTAL AREA IN SQ. METERS</th></tr><tr><td>A. Building (permanent)</td><td></td><td>170.30</td></tr><tr><td>• Lecture Room/Workshop</td><td></td><td>40.00</td></tr><tr><td>• Learning Resource Center</td><td>3.00 x 5.00</td><td>15.00</td></tr><tr><td>• Facilities/Equipment/ Circulation Area (30% of teaching accommodation)</td><td></td><td>99.30</td></tr><tr><td>• Store Room</td><td>4.00 x 4.00</td><td>16.00</td></tr><tr><td>B. Experimental Rubber Farm</td><td></td><td>10,000.00 (1ha)</td></tr></table>	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)	<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>A. Building (permanent)</td><td></td><td></td><td>184.30</td></tr><tr><td>• Lecture Room/Workshop</td><td></td><td></td><td>40.00</td></tr><tr><td>• Learning Resource Center</td><td>3.00 x 5.00</td><td></td><td>15.00</td></tr><tr><td>• Activity Room</td><td></td><td></td><td>30.00</td></tr><tr><td>- Wash room</td><td>2X1</td><td>2.00</td><td></td></tr><tr><td>- Store room</td><td>4X4</td><td>16.00</td><td></td></tr><tr><td>- Rest room (male, female & PWD)</td><td>3X4</td><td>12.00</td><td></td></tr><tr><td>• Facilities/ Equipment/ Circulation Area (30% of teaching accommodation)</td><td></td><td></td><td>99.30</td></tr><tr><td>B. Experimental Rubber Farm</td><td></td><td></td><td>5,000.00</td></tr><tr><td>TOTAL</td><td></td><td></td><td>5,184.30</td></tr></table> <p>NOTE: Access to and use of equipment /facilities can be provided through cooperative arrangements or MOA with other partner- companies/institutions.</p>	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
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)																																																																
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																																																															
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:	TRAINER'S QUALIFICATIONS FOR AGRI-FISHERY SECTOR FOR NEW TRAINERS																																																																	
<ul style="list-style-type: none">• 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 <p>*Optional. Only when required by the hiring institution. Reference: TESDA Board Resolution No. 2010-05 TESDA Circular No. 135, 2011</p>	<ul style="list-style-type: none">• 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																																																																	
	<ul style="list-style-type: none">• 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
<p>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.</p> <p>4.2 The qualification of Rubber Production NC II may be attained through:</p> <p>4.2.1. Accumulation of Certificates of Competency (COCs) in the following areas:</p> <p>4.2.1.1. Establish rubber budwood and seedlings nursery</p> <p>4.2.1.2. Perform Budding Operation</p> <p>4.2.1.3. Plant rubber trees/rubber seedlings</p> <p>4.2.1.4. Harvest Latex</p> <p>Successful candidates shall be awarded Certificates of Competency (COCs) bearing the signature of the Regional Director and Chair of the recognized local industry body.</p> <p>4.2.2. Demonstration of competence through project-type assessment covering all required units of qualification</p> <p>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.</p> <p>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.</p> <p>4.4 The following are qualified to apply for assessment and certification:</p>	<p>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.</p> <p>The assessment process is based on evidence or information gathered to prove achievement of competencies. The process may be applied to a full qualification or employable unit(s) of competency in partial fulfillment of the requirements of the national qualification.</p> <p>4.1. NATIONAL ASSESSMENT AND CERTIFICATION ARRANGEMENTS</p> <p>4.1.1 To attain the national qualification of 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.</p> <p>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:</p> <p>COC 1: Produce budstick</p> <p>COC 2: Establish rubber nursery</p> <p>COC 3: Perform budding operation</p> <p>COC 4: Perform rubber farm maintenance</p> <p>COC 5: Harvest latex</p> <p>Upon accumulation and submission of all the COCs acquired, an individual shall be issued the corresponding National Certificate for the Qualification</p>

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
<p>4.4.1 Graduates of formal, non – formal and informal including enterprise – based training programs.</p> <p>4.4.2 Experienced workers (wage employed or self – employed)</p> <p>4.9 The guidelines on assessment and certification are discussed in detail in the <i>Procedures Manual on Assessment and Certification and Guidelines on the Implementation of the Philippine TVET Qualification and Certification System (PTQCS)</i>.</p>	<p>4.1.3 Assessment shall cover all competencies with basic and common integrated or assessed concurrently with the core units of competency.</p> <p>4.1.4 Any of the following are qualified to apply for assessment and certification:</p> <p>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</p> <p>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.</p> <p>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.</p> <p>Requirements and implementation procedure of Portfolio Assessment must be consistent with TESDA Circular No. 47, series of 2018 on <i>“Implementing Guidelines on the Implementation of Portfolio Assessment Leading to Recognition of Prior Learning (RPL) within the TESDA Assessment and Certification System</i>, and with TESDA Circular No. 118, series of 2019 on <i>“Addendum to the</i></p>

AMENDMENT ON TRAINING REGULATIONS FOR RUBBER PRODUCTION NC II

Existing Promulgated Training Regulations (Board Resolution No. 2012-05)	Amendments
	<p><i>Implementing Guidelines on the Implementation Portfolio Assessment Leading to Recognition of Prior Learning (RPL) within the TESDA Assessment and Certification System."</i></p> <p>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.</p> <p>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)."</p> <p>4.2. COMPETENCY ASSESSMENT REQUISITE</p> <p>4.2.1 Self-Assessment Guide. The self-assessment guide (SAG) is accomplished by the candidate prior to actual competency assessment. SAG is a pre-assessment tool to help the candidate and the assessor determine what evidence is available, where gaps exist, including readiness for assessment</p> <p>This document can:</p> <ol style="list-style-type: none"> 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
	<p>or skills that should be gained prior to assessment</p> <p>4.2.2 Accredited Assessment Center. Only Assessment Center accredited by TESDA is authorized to conduct competency assessment. Assessment centers undergo a quality assured procedure for accreditation before they are authorized by TESDA to manage the assessment for National Certification</p> <p>4.2.3 Accredited Competency Assessor. Only accredited competency assessor is authorized to conduct assessment of competence. Competency assessors undergo a quality assured system of accreditation procedure before they are authorized by TESDA to assess the competencies of candidates for National Certification.</p>