

**Qualification Code**

**QG-03-AG-00341-2023-V1.1-ASCI**

**CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE**

**Name and address of submitting body:**

Agriculture Skill Council of India (ASCI)  
6<sup>th</sup> floor, GNG Building, Plot No – 10, Sector- 44,  
Gurugram, Haryana – 122004

**Name and contact details of individual dealing with the submission**

**Name:** Ms Priyanka Prakash

**Position in the organisation:** Senior Manager – Standards & QA

**Address, if different from above**

**Tel number(s):** 0124 – 4670029/ 4814673/ 4814659

**E-mail address:** priyanka@asci-india.com

**List of documents submitted in support of the Qualifications File**

1. Qualifications Pack – Annexure 1
2. Model Curriculum – Annexure 2
3. Affiliation Protocol- Annexure 3
4. Industry Validations- Annexure 4

**Model Curriculum to be added which will include the following:**

- Indicative list of tools/equipment to conduct the training
- Trainers qualification
- Lesson Plan
- Distribution of training duration into theory/practical/OJT component

**SUMMARY**

1	<b>Qualification Title</b>	Friends of Coconut Tree
2	<b>Qualification Code, if any</b>	AGR/Q0504, v3.0
3	<b>NCO code and occupation</b>	NCO-2015/6111.0852
4	<b>Nature and purpose of the qualification (Please specify whether qualification is short term or long term)</b>	<p>Nature of the qualification</p> <ul style="list-style-type: none"><li>- a Qualification Pack (QP)</li></ul> <p>The main purpose of the qualification is -</p> <ul style="list-style-type: none"><li>- to train the incumbent for assisting in the cultivation and harvesting the coconut crop under supervision. This includes assisting in nutrient management, integrated pest and diseasemanagement, and climbing coconut trees using a climbing machine to harvest coconuts..</li></ul>
5	<b>Body/bodies which will award the qualification</b>	Agriculture Skill Council of India (ASCI)
6	<b>Body which will accredit providers to offer courses leading to the qualification</b>	Agriculture Skill Council of India (ASCI)
7	<b>Whether accreditation/affiliation norms are already in place or not , if applicable (if yes, attach a copy)</b>	Yes (Annexure 3)
8	<b>Occupation(s) to which the qualification gives access</b>	Friends of Coconut Tree
9	<b>Job description of the occupation</b>	A Friend of Coconut Tree is responsible for assisting in the cultivation and harvesting the coconut crop under supervision. This includes assisting in nutrient management, integrated pest and disease management, and climbing coconut trees using a climbing machine to harvest coconuts. The person also assists in carrying out post-harvest processing.
10	<b>Licensing requirements</b>	NA
11	<b>Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)</b>	NA

**NSQF QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022****Approved on file dated 07.02.2023**

12	<b>Level of the qualification in the NSQF</b>	Level 3
13	<b>Anticipated volume of training/learning required to complete the qualification</b>	270 hours (Theory: 90, Practical: 150, ES:30)
14	<b>Indicative list of training tools required to deliver this qualification</b>	Attached herewith
15	<b>Entry requirements and/or recommendations and minimum age</b>	Minimum Educational Qualification: Grade 10 OR Grade 8 with two years of (NTC/ NAC) after 8th OR Grade 8 pass and pursuing continuous schooling in regular school with vocational subject OR 8th grade pass with 2-year relevant experience OR 5th grade pass with 5-year relevant experience OR Previous relevant Qualification of NSQF Level 2 with 1-year relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 6 months' relevant experience Min Age: 16 years
16	<b>Progression from the qualification (Please show Professional and academic progression)</b>	Coconut Grower cum Primary Processor (L4)
17	<b>Arrangements for the Recognition of Prior learning (RPL)</b>	RPL assessment will be as per normal ASCI assessment process.  (ASCI recognizes that there may be candidates who have prior learning experience in the Agriculture Sector and are desirous of being certified. Such candidates can apply to ASCI for testing and certification of their skills. Training Partners will be responsible for identifying and counselling candidates for RPL through mobilization camps and advertisements. The details of the RPL process have been defined by ASCI under the document- Guidelines for Recognition of Prior Learning under PMKVY).

**NSQF QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February 2022****Approved on file dated 07.02.2023**

<b>18</b>	<b>International comparability where known (research evidence to be provided)</b>	Not done as yet		
<b>19</b>	<b>Date of planned review of the qualification.</b>	24-02-2025		
<b>20</b>	<b>Formal structure of the qualification Mandatory components</b>			
	<b>Title of component and identification code/NOSs/Learning outcomes</b>	<b>Estimated size (learning hours)</b> <b>Theory      Practical</b>		<b>Level</b>
<b>(i)</b>	Introduction (Bridge Module)	5	0	<b>3</b>
<b>(ii)</b>	AGR/N0517: Assist in carrying out nutrient management of coconut	10	15	
<b>(iii)</b>	AGR/N0518: Assist in carrying out pest and disease management	15	15	
<b>(iv)</b>	AGR/N0519: Assist in irrigation, moisture conservation, intercropping and weed control	25	35	
<b>(v)</b>	AGR/N0522: Assist in harvesting the coconut crop	20	70	
<b>(vi)</b>	AGR/N9903: Maintain health and safety at the workplace	15	15	
<b>(vii)</b>	DGT/VSQ/N0101: Employability Skills (30 Hours) v1.0	30		
	<b>TOTAL</b>	<b>120</b>	<b>150</b>	

**SECTION 1****ASSESSMENT**

21	<p><b>Body/Bodies which will carry out assessment:</b> ASCI affiliated assessment bodies.</p> <ol style="list-style-type: none"><li>1. SHL India (Pvt.) Ltd</li><li>2. Trendsetters Skill Assessors Pvt Ltd</li><li>3. Mercer-Mettl</li><li>4. SP Institute of Workforce Development (SPIWD)</li><li>5. MSAG SI LLP</li></ol> <p>More Assessment Agencies are being empanelled to cover wider geographical area</p>
22	<p><b>How will RPL assessment be managed and who will carry it out?</b> RPL will be based on the same approved Qualification Pack and Assessment Criteria mentioned in the Qualification Pack and will be carried out as per normal ASCI assessment process. The Training Partner or any other authority as prescribed by the Steering Committee will identify and counsel candidates eligible for RPL through mobilization camps and advertisements. The mobilized candidates can be counselled, oriented about the standardized NSQF framework and basis their existing competency will be mapped against the suitable level of the concerned Job role for assessments. The candidates enrolled will be assessed by the Assessment Agency affiliated with the Sector Skill Council on the basis of assessment criteria decided by Sector Skill Council (SSC). The candidate will need to pass in the minimum assessment criteria of a particular QP decided by the SSC. Successfully assessed candidates with a valid Aadhaar or alternate ID (as per process) will be eligible for QP-NOS based Certification.</p>
23	<p><b>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</b> A robust technology enabled assessment methodology has been designed keeping in mind the geographical/Physical constraints and target segment which assess a trainee's knowledge and skill set through three methods:</p> <ol style="list-style-type: none"><li>a. An offline Tablet based test through the use of Multiple Choice Text and Picture based questions in vernacular languages</li><li>b. Actual demonstration on the field</li><li>c. Viva</li></ol>

	<p><b>ASCI's assessment strategy:</b></p> <ul style="list-style-type: none"><li>• Question sets are developed as per the weightage of each NOS of the Qualification Pack.</li><li>• Assessment criteria for each Qualification Pack developed, in which each Performance criteria (PC) assigned marks based on NOS</li><li>• Question Bank is developed to assess the theoretical and practical knowledge. To ensure the quality, each trainees get different set of question</li><li>• Empanelment of subject matter expert as assessor primarily from the Industry to assess trainee specifically on practical skills as per Industry demands</li></ul> <p>Assessments are preferably conducted on tablets or pen or papers in regional languages according to the requirement.</p>
--	---

Please attach most relevant and recent documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

## **ASSESSMENT EVIDENCE**

**Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.**

*NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – i.e. Learning Outcomes to be assessed, assessment criteria and the means of assessment.*

### **24. Assessment evidence**

**Title of Component:**

<b>Outcomes to be assessed/ NOSs to be assessed</b>	<b>Assessment criteria for the outcome</b>

**Means of assessment 1****Pass/Fail****Job Role:** Friends of Coconut Tree**Qualification Pack:** AGR/Q0504, v3.0**Sector Skill Council:** Agriculture Skill Council of India**Assessment Guidelines:**

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
6. To pass the Qualification Pack, every trainee should score a minimum of 50% of aggregate marks to successfully clear the assessment.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

**AGR/N0517: Assist in carrying out nutrient management of coconut crop**

PC	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	<i>Assist in soil testing</i>	<b>8</b>	<b>10</b>		<b>6</b>
<b>PC1.</b>	sample the soil from the coconut field as per the supervisor's instruction	-	-	-	-
<b>PC2.</b>	pack and label the soil sample	-	-	-	-
<b>PC3.</b>	coordinate with an approved soil-testing laboratory for the testing of soil sample	-	-	-	-



# NSQF QUALIFICATION FILE

Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022

Approved on file dated 07.02.2023

	<i>Assist in preparing the field</i>	<b>6</b>	<b>6</b>		<b>8</b>
<b>PC4.</b>	apply the organic or inorganic fertilisers recommended by the laboratory to meet the macro and micronutrients needs of the coconut crop, as per the recommended dose and schedule	-	-	-	-
<b>PC5.</b>	follow various intercultural practices as per the supervisor's instructions to maintain the nutrient levels in the soil and improve the yield	-	-	-	-
<b>PC6.</b>	assist in installing an appropriate irrigation or fertigation system such as the drip irrigation system	-	-	-	-
<b>PC7.</b>	assist the supervisor in maintaining the record of fertilisers used in the field	-	-	-	-
	<i>Optimise resource utilisation</i>	<b>6</b>	<b>8</b>		<b>4</b>
<b>PC8.</b>	use water and other resources optimally in different tasks and processes as per the supervisor's instructions	-	-	-	-
<b>PC9.</b>	plug water leakages to prevent its wastage	-	-	-	-
	<i>Perform waste management</i>	<b>6</b>	<b>8</b>		<b>6</b>
<b>PC10.</b>	segregate waste into different categories as per the supervisor's instruction	-	-	-	-
<b>PC11.</b>	recycle the recyclable waste appropriately and dispose the non-recyclable waste in an environment-friendly manner, as instructed	-	-	-	-
	<i>Practice inclusion at work</i>	<b>4</b>	<b>8</b>		<b>6</b>
<b>PC12.</b>	empathise with Persons with Disabilities (PwD) at work	-	-	-	-
<b>PC13.</b>	adopt gender-neutral behaviour at work	-	-	-	-
<b>NOS Total</b>		<b>30</b>	<b>40</b>		<b>30</b>
<b>AGR/N0518: Assist in carrying out pest and disease management</b>					
	<i>Assist in preventing pests and disease</i>	<b>12</b>	<b>14</b>		<b>12</b>
<b>PC1.</b>	assist the supervisor in selecting the disease- resistant variety of coconut to grow, ensuring its suitability to the agro-climatic zone at the site	-	-	-	-
<b>PC2.</b>	carry out appropriate treatment of the seeds as per the supervisor's instructions	-	-	-	-
<b>PC3.</b>	assist in adopting the natural enemies of the coconut pests and disease such Bethyid fly, Bracon spp. Ichneumonid wasp, Goniozus nephantidis as per the expert's advice	-	-	-	-
<b>PC4.</b>	clean the palm crown regularly to protect from common pests and remove the crown tissues and coconut tree parts severely affected by pests and disease to contain the damage	-	-	-	-
<b>PC5.</b>	use trap light and pheromone to catch bugs as per the supervisor's instructions	-	-	-	-



**NSQF QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February 2022****Approved on file dated 07.02.2023**

<b>PC6.</b>	remove the dry leaves, sheaths and spathe at the recommended intervals	-	-	-	-
	<i>Assist in identifying pests, disease and their remedy</i>	<b>8</b>	<b>16</b>		<b>8</b>
<b>PC7.</b>	check the coconut crop regularly to identify the symptoms of various pests, diseases and disorders such as rhinoceros beetle, black-headed caterpillar red palm weevil, termites, bud rot, leaf rot, stem bleeding, pencil point disorder, button shedding, barren nuts etc.	-	-	-	-
<b>PC8.</b>	assist the supervisor in determining the stage of pest and disease infestation along with damage and the mode of transmission	-	-	-	-
<b>PC9.</b>	coordinate with an expert to determine an appropriate treatment for removing the identified pests and disease	-	-	-	-
	<i>Apply the necessary treatment</i>	<b>10</b>	<b>10</b>		<b>10</b>
<b>PC10.</b>	apply the recommended treatment as per the prescription in an appropriate dose to remove pests and disease, using the relevant PPE	-	-	-	-
<b>PC11.</b>	assist in maintaining the record of the use of any pesticides, insecticides and any other treatment	-	-	-	-
	<b>NOS TOTAL</b>	<b>30</b>	<b>40</b>		<b>30</b>
<b>AGR/N0519: Assist in irrigation, moisture conservation, intercropping and weed control</b>					
	<i>Assist in irrigation and moisture conservation</i>	<b>8</b>	<b>12</b>		<b>6</b>
<b>PC1.</b>	assist in installing an appropriate irrigation or fertigation system	-	-	-	-
<b>PC2.</b>	irrigate the coconut crop as per the recommended irrigation schedule and supervisor's instructions	-	-	-	-
<b>PC3.</b>	follow the recommended practices to maintain the required level of moisture in the soil such as mulching with coconut husks, leaves or coir pith	-	-	-	-
	<i>Assist in intercropping</i>	<b>6</b>	<b>10</b>		<b>8</b>
<b>PC4.</b>	assist the supervisor in selecting appropriate crops for intercropping based on the climate, suitability to the coconut variety being cultivated, market demand and profitability	-	-	-	-
<b>PC5.</b>	carry out intercropping under supervision to increase the ratio of organic matters in the soil and prevent its erosion	-	-	-	-
<b>PC6.</b>	maintain the crops cultivated under intercropping as per the supervisor's instructions	-	-	-	-

**NSQF QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022****Approved on file dated 07.02.2023**

	<i>Assist in pruning</i>	<b>6</b>	<b>8</b>		<b>8</b>
<b>PC7.</b>	prune or remove the dry coconut leaves as per the supervisor's instructions	-	-	-	-
<b>PC8.</b>	remove the dead plants and trees	-	-	-	-
<b>PC9.</b>	use the organic waste to prepare compost or mulch as directed by the supervisor				
	<i>Assist in weed control</i>	<b>10</b>	<b>10</b>		<b>8</b>
<b>PC10.</b>	assist the supervisor in identifying the weeds growing in the coconut field	-	-	-	-
<b>PC11.</b>	apply the recommended pre-emergent herbicide in an appropriate quantity as per the supervisor's instructions	-	-	-	-
<b>PC12.</b>	remove weeds manually or till the field as per the supervisor's instructions	-	-	-	-
	<b>NOS Total</b>	<b>30</b>	<b>40</b>		<b>30</b>
<b>AGR/N0522: Assist in harvesting the coconut crop</b>					
	<i>Prepare the climbing machine for use</i>	<b>6</b>	<b>8</b>		<b>6</b>
<b>PC1.</b>	check the coconut tree climbing machine for any wear and tear or damage	-	-	-	-
<b>PC2.</b>	carry out minor repair and maintenance or coordinate with the supervisor to get it replaced	-	-	-	-
<b>PC3.</b>	prepare the machine for use by adjusting the machine wire according to the girth of the tree	-	-	-	-
	<i>Harvest the coconuts</i>	<b>8</b>	<b>10</b>		<b>8</b>
<b>PC4.</b>	coordinate with the supervisor to arrange the relevant Personal Protective Equipment (PPE) to protect against falling from trees along with bees and wasp attacks	-	-	-	-
<b>PC5.</b>	climb the coconut tree using the relevant PPE	-	-	-	-
<b>PC6.</b>	check the maturity of coconuts, distinguishing between tender and mature coconuts	-	-	-	-
<b>PC7.</b>	harvest coconuts in bunches, protecting them and bunches of unripe coconuts from damage, ensuring to harvest at an appropriate time as per the coconut variety such as tall/ dwarf/ hybrid and purpose such as culinary/ copra extraction/ seed nut extraction, etc.	-	-	-	-
<b>PC8.</b>	follow the recommended practices to protect others on the ground while dropping the harvested bunches	-	-	-	-
	<i>Assist in post-harvest processing</i>	<b>16</b>	<b>22</b>		<b>16</b>

**NSQF QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022****Approved on file dated 07.02.2023**

<b>PC9.</b>	maintain the harvested coconuts in heaps under shade for the recommended duration to ensure the ease of de-husk	-	-	-	-
<b>PC10.</b>	de-husk the harvested coconuts and extract copra as per the supervisor's instructions, ensuring no damage to them	-	-	-	-
<b>PC11.</b>	assist in drying copra under the sun or mechanically, ensuring the recommended moisture levels are achieved	-	-	-	-
<b>PC12.</b>	clean the storage area and apply the recommended treatment to remove all pests and insects as per the supervisor's instructions	-	-	-	-
<b>PC13.</b>	store the dry copra in the storage area, maintaining the recommended temperature and humidity	-	-	-	-
<b>PC14.</b>	assist the supervisor in maintaining the record of harvested and processed coconuts	-	-	-	-
	<b>NOS Total</b>	<b>30</b>	<b>40</b>		<b>30</b>
<b>AGR/N9926: Follow the relevant employability and entrepreneurial practices</b>					
	<i>Follow the employability practices</i>	<b>10</b>	<b>20</b>		<b>10</b>
<b>PC1.</b>	prepare a resume including all the relevant information				
<b>PC2.</b>	prepare answers to frequently asked interview questions	-	-	-	-
<b>PC3.</b>	follow the recommended practices to prevent and deal with common health and safety issues	-	-	-	-
<b>PC4.</b>	maintain a positive attitude towards work and co-workers	-	-	-	-
<b>PC5.</b>	carry out workplace duties as per the applicable quality standards, ensuring honesty in all the activities	-	-	-	-
<b>PC6.</b>	apply the appropriate techniques for effective listening and speaking	-	-	-	-
<b>PC7.</b>	follow the applicable time schedules and time management practices for effective utilisation of time	-	-	-	-
<b>PC8.</b>	assist in identifying and implementing relevant creative solutions to resolve work-related issues	-	-	-	-
<b>PC9.</b>	set up a bank account and personal insurance policy	-	-	-	-

**NSQF QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022****Approved on file dated 07.02.2023**

<b>PC10.</b>	implement the recommended anger and stress management practices to ensure a collaborative and stress-free environment at work	-	-	-	-
	<i>Use computer and relevant electronic services</i>	<b>8</b>	<b>10</b>		<b>8</b>
<b>PC11.</b>	set up a computer and relevant accessories/peripherals for use according to the manufacturer's instructions	-	-	-	-
<b>PC12.</b>	use the computer with the relevant software or applications to achieve work efficiency	-	-	-	-
<b>PC13.</b>	maintain various work-related records electronically using the computer	-	-	-	-
<b>PC14.</b>	maintain separate records of fixed and variable business costs	-	-	-	-
<b>PC15.</b>	undertake business communications using email service	-	-	-	-
<b>PC16.</b>	carry out commercial activities such as buying and selling of commodities using the appropriate e-commerce platforms	-	-	-	-
<b>PC17.</b>	process payments using the relevant e-payment method	-	-	-	-
	<i>Follow the entrepreneurial practices</i>	<b>12</b>	<b>10</b>		<b>12</b>
<b>PC18.</b>	set up a bank account with the required facilities to conduct business transactions	-	-	-	-
<b>PC19.</b>	follow the recommended practices to utilise business funds effectively	-	-	-	-
<b>PC20.</b>	invest in appropriate funds	-	-	-	-
<b>PC21.</b>	use the relevant personal and business insurance services	-	-	-	-
<b>PC22.</b>	follow the relevant tax laws to ensure timely payment of relevant taxes and filing of Income Tax Return (ITR)	-	-	-	-
<b>PC23.</b>	follow the recommended practices to ensure effective team building at work	-	-	-	-
<b>PC24.</b>	identify and implement appropriate and cost-effective solutions to work-related problems	-	-	-	-
<b>PC25.</b>	carry out outreach programs to expand business	-	-	-	-
<b>PC26.</b>	follow the Make in India campaign to use, manufacturer and promote products made in the country	-	-	-	-

**NSQF QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022****Approved on file dated 07.02.2023**

<b>PC27.</b>	utilise the relevant government programs and schemes for entrepreneurs	-	-	-	-
<b>PC28.</b>	follow the recommended practices for a stable enterprise, managing the relevant risks	-	-	-	-
<b>PC29.</b>	review the business account regularly to ensure the profitability of the business	-	-	-	-
<b>PC30.</b>	follow with Maslow's Hierarchy of Needs theory to create motivation at work	-	-	-	-
	<b>NOS Total</b>	<b>30</b>	<b>40</b>		<b>30</b>
<b>AGR/N9903: Maintain health and safety at the workplace</b>					
<i>Maintain personal hygiene</i>		<b>10</b>	<b>5</b>		<b>10</b>
<b>PC1.</b>	wash hands, legs and face with soap/alcohol-based sanitizer at reasonable intervals	-	-	-	-
<b>PC2.</b>	wash the worn clothes with soap and sun-dry before use next time	-	-	-	-
<b>PC3.</b>	ensure the face is covered with mask or three layers of cloth-piece	-	-	-	-
<b>PC4.</b>	follow the workplace sanitisation norms including distancing from sick people	-	-	-	-
	<i>Maintain clean and safe workplace</i>	<b>15</b>	<b>15</b>		<b>15</b>
<b>PC5.</b>	carry out basic safety checks before operation of all tools, implements, and machinery and report identified hazards to the supervisor	-	-	-	-
<b>PC6.</b>	wear appropriate Personal Protective Equipment (PPE) while performing work in accordance with the workplace policy	-	-	-	-
<b>PC7.</b>	follow the instructions mentioned on the labels of chemicals/pesticides/fumigants etc. to avoid hazards	-	-	-	-
<b>PC8.</b>	assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices	-	-	-	-
<b>PC9.</b>	sanitize equipment, tools and machinery before and after use	-	-	-	-
<b>PC10.</b>	use equipment and materials safely and correctly and return the same to designated storage after use	-	-	-	-
<b>PC11.</b>	dispose waste safely and correctly in the designated area	-	-	-	-
<b>PC12.</b>	recognize risks to bystanders and take required action to reduce the risks	-	-	-	-

# NSQF QUALIFICATION FILE

Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022

Approved on file dated 07.02.2023

PC13.	work in a manner which minimizes environmental damage, ensuring all procedures and instructions for controlling risks are followed	-	-	-	-
PC14.	report any accidents, incidents or problems without delay to an appropriate person and take necessary immediate action to reduce further danger	-	-	-	-
PC15.	follow government / workplace advisories in case of outbreak of any disease/disaster	-	-	-	-
	<i>Administer appropriate emergency procedures</i>	15	5		10
PC16.	follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions to the location of emergency, as per the workplace requirements	-	-	-	-
PC17.	use emergency equipment in accordance with manufacturer's specifications and workplace requirements	-	-	-	-
PC18.	report provide treatment appropriate to the patient's injuries in accordance with recognized first aid techniques	-	-	-	-
PC19.	recover (if practical), clean, inspect/test, refurbish, replace and store the first aid equipment as appropriate	-	-	-	-
PC20.	report details of first aid administered in accordance with workplace procedures	-	-	-	-
<b>NOS Total</b>		<b>40</b>	<b>25</b>		<b>35</b>
<b>DGT/VSQ/N0101: Employability Skills (30 Hours)</b>					
	<i>Introduction to Employability Skills</i>	1	1	-	-
PC1.	understand the significance of employability skills in meeting the job requirements	-	-	-	-
	<i>Constitutional values – Citizenship</i>	1	1	-	-
PC2.	identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
	<i>Becoming a Professional in the 21st Century</i>	1	3	-	-
PC3.	explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management,	-	-	-	-

**NSQF QUALIFICATION FILE****Approved in 16th NSQF Meeting–NCVET-Dated-24th February 2022****Approved on file dated 07.02.2023**

	social and cultural awareness, emotional awareness, continuous learning mindset etc.				
	<i>Basic English Skills</i>	2	3	-	-
PC4.	speak with others using some basic English phrases or sentences	-	-	-	-
	<i>Communication Skills</i>	1	1	-	-
PC5.	follow good manners while communicating with others	-	-	-	-
PC6.	work with others in a team	-	-	-	-
	<i>Diversity &amp; Inclusion</i>	1	1	-	-
PC7.	communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8.	report any issues related to sexual harassment	-	-	-	-
	<i>Financial and Legal Literacy</i>	3	4	-	-
PC9.	use various financial products and services safely and securely	-	-	-	-
PC10.	calculate income, expenses, savings etc.	-	-	-	-
PC11.	approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
	<i>Essential Digital Skills</i>	4	6	-	-
PC12.	operate digital devices and use its features and applications securely and safely	-	-	-	-
PC13.	use internet and social media platforms securely and safely	-	-	-	-
	<i>Entrepreneurship</i>	3	5	-	-
PC14.	identify and assess opportunities for potential business	-	-	-	-
PC15.	identify sources for arranging money and associated financial and legal challenges	-	-	-	-
	<i>Customer Service</i>	2	2	-	-
PC16.	identify different types of customers	-	-	-	-



**NSQC QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022****Approved on file dated 07.02.2023**

<b>PC17.</b>	identify customer needs and address them appropriately	-	-	-	-
<b>PC18.</b>	follow appropriate hygiene and grooming standards	-	-	-	-
	<i>Getting ready for apprenticeship &amp; Jobs</i>	<b>1</b>	<b>3</b>	-	-
<b>PC19.</b>	create a basic biodata	-	-	-	-
<b>PC20.</b>	search for suitable jobs and apply	-	-	-	-
<b>PC21.</b>	identify and register apprenticeship opportunities as per requirement	-	-	-	-
	<b>NOS Total</b>	<b>20</b>	<b>30</b>	-	-

**SECTION 2**

**EVIDENCE OF LEVEL**

**OPTION B**

Title/ Name of qualification/ component: Friends of Coconut Tree			Level: 3
NSQF Domain	NSQF Domain	NSQF Domain	NSQF Domain
Process	<ul style="list-style-type: none"> <li>Assist in soil testing</li> <li>Harvest the coconuts</li> </ul>	A Friend of Coconut Tree is responsible for assisting in the cultivation and harvesting the coconut crop under supervision. This includes assisting in nutrient management, integrated pest and disease management, and climbing coconut trees using a climbing machine to harvest coconuts. The person also assists in carrying out post-harvest processing.	3
Professional knowledge	<ul style="list-style-type: none"> <li>Apply the necessary treatment</li> <li>Assist in weed control</li> <li>Assist in post-harvest processing</li> <li>Administer appropriate emergency procedures</li> </ul>	The job holder is expected to have knowledge to apply the recommended treatment as per the prescription in an appropriate dose to remove pests and disease, assist in maintaining the record of the use of any pesticides, insecticides, applying the recommended pre-emergent herbicide in an appropriate quantity as per the supervisor's instructions assisting the supervisor in identifying the weeds growing in the coconut field, removing weeds manually or till the field as per the supervisor's instructions, maintaining the harvested coconuts in heaps under shade for the	3

## NSQF QUALIFICATION FILE

Approved in 16th NSQCM Meeting–NCVET-Dated-24th February 2022

Approved on file dated 07.02.2023

		recommended duration to ensure the ease of de-husk, de-husk the harvested coconuts and extract copra as per the supervisor's instructions, assist in drying copra under the sun or mechanically, assisting the supervisor in maintaining the record of harvested and processed coconuts, clean the storage area and apply the recommended treatment to remove all pests and insects, store the dry copra in the storage area, maintaining the recommended temperature and humidity, follow procedures for dealing with accidents, fires and emergencies, use emergency equipment in accordance with manufacturer's specifications and workplace requirements, report details of first aid administered in accordance with workplace procedures.	
Professional skill	<ul style="list-style-type: none"><li>● Assist in identifying pests, disease and their remedy</li><li>● Assist in intercropping</li><li>● Optimise resource utilisation</li><li>● Perform waste management</li><li>● Practice inclusion at work</li><li>● Maintain clean and safe workplace</li></ul>	The job holder is expected to check the coconut crop regularly to identify the symptoms of various pests, diseases and disorders such as rhinoceros beetle, black-headed caterpillar red palm weevil, termites, bud rot, leaf rot, stem bleeding, pencil point disorder, button shedding, barren nuts etc., coordinate with an expert to determine an appropriate treatment for removing the identified pests and disease, assist the supervisor in determining the stage of pest and disease infestation, assist the supervisor in selecting appropriate crops for intercropping based on the climate, carry out intercropping under supervision to increase the ratio of organic matters in the soil, maintain the crops cultivated under intercropping as per the supervisor's instructions, use water	3

		and other resources optimally in different tasks and processes, plug water leakages to prevent its wastage, segregate waste into different categories, deposit recyclable and reusable material at the identified location, empathise with Persons with Disabilities (PwD) at work, carry out basic safety checks before operation of all tools, implements, and machinery, follow the instructions mentioned on the labels of chemicals/pesticides/fumigants, assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices, work in a manner which minimizes environmental damage, report any accidents, incidents or problems without delay, follow government / workplace advisories in case of outbreak, sanitize equipment, tools and machinery before and after use.	
Core Skills	<ul style="list-style-type: none"> <li>• Assist in applying the fertilisers</li> <li>• Assist in preventing pests and disease</li> <li>• Assist in irrigation and moisture conservation</li> <li>• Prepare the climbing machine for use</li> </ul>	The job holder is expected to apply the organic or inorganic fertilisers recommended by the laboratory, follow various intercultural practices as per the supervisor's instructions, assist the supervisor in maintaining the record of fertilisers used, assist the supervisor in selecting the disease-resistant variety of coconut to grow, assist in adopting the natural enemies of the coconut pests and disease, clean the palm crown regularly to protect from common pests and remove the crown tissues, remove the dry leaves, sheaths and spathe at the recommended intervals, carry out appropriate treatment of the seeds as per the supervisor's instructions,	3

## NSQF QUALIFICATION FILE

Approved in 16th NSQCM Meeting–NCVET-Dated-24th February 2022

Approved on file dated 07.02.2023

		irrigate the coconut crop as per the recommended irrigation schedule, assist in installing an appropriate irrigation or fertigation system, follow the recommended practices to maintain the required level of moisture in the soil, check the coconut tree climbing machine for any wear and tear, carry out minor repair and maintenance, prepare the machine for use by adjusting the machine wire according to the girth of the tree.	
Responsibility	<ul style="list-style-type: none"><li>● Assisting in cultivation &amp; harvesting of coconut crop</li><li>● Assisting in nutrient &amp; disease management</li><li>● Climbing coconut trees for harvesting coconuts.</li></ul>	A Friend of Coconut Tree is responsible for assisting in the cultivation and harvesting the coconut crop under supervision. This includes assisting in nutrient management, integrated pest and disease management, and climbing coconut trees using a climbing machine to harvest coconuts. The person also assists in carrying out post-harvest processing.	3

**SECTION 3****EVIDENCE OF NEED**

26	What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?
<b>Basis</b>	
Need of the qualification	<p>While collecting data from the companies for the occupational map, we also took feedback from industry, training institutions which was collected with respect to roles for which qualification packs development was to be prioritized. This was largely based on the volume of people required, quantitative and qualitative shortfall which the industry feels they face. Governing council of ASCI and Occupational Standards Committee which comprises experts &amp; senior leaders gave final approval and endorsement for the same.</p> <p>Production of horticulture crops in India was estimated at a record 326.6 million metric tonnes (MMT) in FY20 as per third advance estimates, an increase of 5.81 million metric tonnes over FY20. India has the largest livestock population of around 535.78 million, which translates to around 31% of the world population. Milk production in the country is expected to increase to 208 MT in FY21 from 198 MT in FY20, registering a growth of 10% y-o-y. Area under horticulture is projected to rise by 2.7% in FY21. There is a wide variation in agricultural growth across different states in India. There is an increasing role of the corporate sector in agriculture through infusion of new technologies and accessing of new markets. Government of India has taken measures to retain farmers in agriculture and improve returns to farmers by enhancing institutional credit to farmers; promotion of scientific warehousing infrastructure for increasing shelf life of agricultural produce; improved access to irrigation through Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) Agriculture is the largest sector for employment in India</p>
Industry Relevance	Validations have been received from Hithkari Nursery, G.B. Pant University of Agriculture and Technology, Aruna Nursery.
Usage of the qualification	<p>An NSQF aligned training to the persons involved in grooming of <b>Friends of Coconut Tree</b> shall provide opportunities to the incumbents for horizontal and vertical career progression. Competency-based training shall imbibe professionalism in the job-role. Being an important and ever-expanding job, the job-role of Friends of Coconut Tree may well be included in the vocational education stream of school education.</p>

**NSQF QUALIFICATION FILE****Approved in 16th NSQC Meeting–NCVET-Dated-24th February2022****Approved on file dated 07.02.2023**

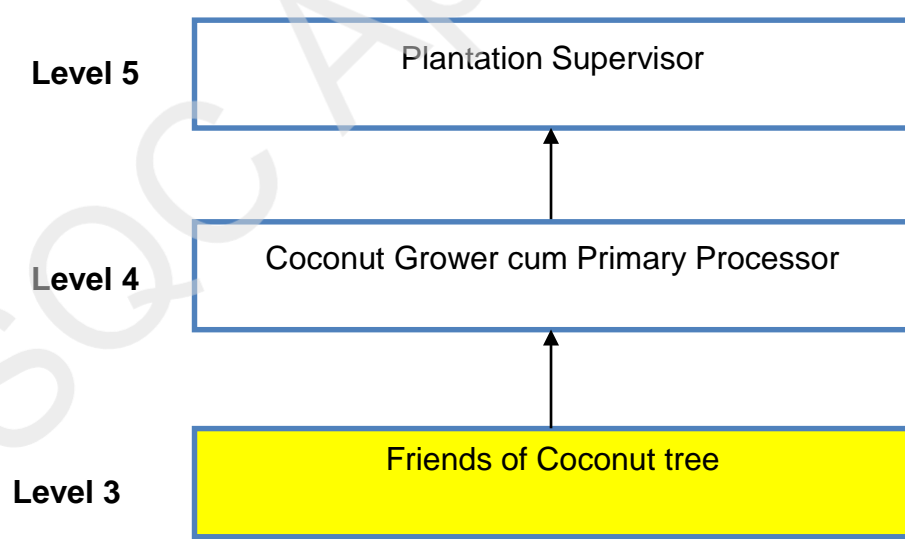
	The Qualification Pack shall also be helpful in conducting Recognition of Prior Learning of the Friends of Coconut Tree			
Estimated uptake				
	QP/Job Role Name	"States where Demand exist	"District where Demand exist	Projections for the next 3 years
	Friends of Coconut Tree	Southern States and Goa	Various district of mentioned States	300
27	<b>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences</b> Have received concurrence from Horticulture Division, Ministry of Agriculture & Farmers Welfare, Department. of Agriculture, Coop. and Farmers Welfare			
28	<b>What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification</b>  This is the revised version of the already NSQC approved QP. The revision has been undertaken as the QP is going to expire soon.			
29	<b>What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here</b>  Any institution or individual is welcome to send the feedback, which is recorded and considered during the next review cycle. Communication will be sent for any feedback to all the main stakeholders/users one month prior to the review of the qualifications pack. A formal review is scheduled in three years.			

Please attach most relevant and recent documents giving further information about any of the topics above.



Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

**SECTION 4****EVIDENCE OF PROGRESSION**

30	<p><b>What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?</b></p> <p><b><i>Show the career map here to reflect the clear progression</i></b></p> <p>Career path in the agriculture sector is generally in terms of activities done &amp; ownership of responsibility because they are primarily self-wage employment/ entrepreneurship roles.</p> <p><b>Annexure 1: Career Map of Friends of Coconut Tree</b></p>  <pre>graph BT; L3[Level 3: Friends of Coconut tree] --&gt; L4[Level 4: Coconut Grower cum Primary Processor]; L4 --&gt; L5[Level 5: Plantation Supervisor];</pre> <p>The diagram illustrates a career progression path in the coconut sector. It consists of three levels, each in a rectangular box. Level 3 is at the bottom, highlighted in yellow, and contains the text 'Friends of Coconut tree'. Level 4 is in the middle and contains 'Coconut Grower cum Primary Processor'. Level 5 is at the top and contains 'Plantation Supervisor'. Arrows point upwards from Level 3 to Level 4, and from Level 4 to Level 5, indicating a clear progression path.</p>
----	--

Please attach most relevant and recent documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.