Contents

What are Occupational Standards(OS)?

- OS describe what individuals need to do, know and understand in order to carry out a particular job role or function
- OS are performance standards that individuals must achieve when carrying out functions in the workplace, together with specifications of the underpinning knowledge and understanding

Introduction

Qualification Pack – Latex Harvest Technician (Tapper)

SECTOR: RUBBER INDUSTRY

SUB-SECTOR: Natural Rubber (NR) Plantation

OCCUPATION: Production- NR

REFERENCE ID: RSC/ Q 6103

ALIGNED TO: NCO-2004/6112.5

Brief Job Description: Latex Harvest Technician is responsible for tapping rubber trees to extract optimum yield from the plantation without causing any damage to the trees.

Personal Attributes: The Latex Harvest Technician should have basic knowledge and skill of tapping; both theoretical and practical. He must be healthy enough to tap 300-400 rubber trees everyday early in the morning, collecting the latex from each tree and bringing it to the collection center/processing factory. He must be able to process the latex in to good quality sheets.

Job Details

Qualifications Pack Code	RSC/ Q 6103		
Job Role	Latex Harvest Technician (Tapper)		
Credits(NSQF)	TBD	Version number	1.0
Sector	Rubber Industry	Drafted on	14/05/15
Sub-sector	Natural Rubber Plantation	Last reviewed on	14/05/15
Occupation	Production-NR	Next review date	14/05/16
NSQC Clearnace on	18/06/2015		

Job Role	Latex Harvest Technician (Tapper)
Role Description	Latex Harvest Technician is responsible for tapping rubber trees to extract optimum yield from the plantation without causing any damage to the trees.
NSQF level	4
Minimum Educational Qualifications*	Class X – preferred
Maximum Educational Qualifications*	NA
Training (Suggested but not mandatory)	NA
Minimum Job Entry Age	18 years
Experience	Minimum 1 year experience in rubber tapping.
Applicable National Occupational Standards (NOS)	**Compulsory:** 1. RSC /N 6103 Latex harvesting/ Processing 2. RSC/N 5005 Natural Resource Management 3. RSC/N 5006 Provide Feedback to Higher Authorities **Optional:** NA
Performance Criteria	As described in the relevant OS units

Definitions

Keywords /Terms	Description
Sector	Sector is a conglomeration of different business operations having similar businesses and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/related set of functions in an industry.
Function	Function is an activity necessary for achieving the key purpose of the sector, occupation, or area of work, which can be carried out by a person or a group of persons. Functions are identified through functional analysis and form the basis of OS.
Job Role	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.
OS	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the knowledge and understanding they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria	Performance Criteria are statements that together specify the standard of performance required when carrying out a task.
NOS	NOS are Occupational Standards which apply uniquely in the Indian context.
Qualifications Pack Code	Qualifications Pack Code is a unique reference code that identifies a qualifications pack.
Qualifications Pack	Qualifications Pack comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A Qualifications Pack is assigned a unique qualification pack code.
Unit Code	Unit Code is a unique identifier for an Occupational Standard , which is denoted by an 'N'.
Unit Title	Unit Title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Knowledge and Understanding	Knowledge and Understanding are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard.
Organizational Context	Organizational Context includes the way the organization is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical Knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills or Generic Skills	Core Skills or Generic Skills are a group of skills that are key to learning and working in today's world. These skills are typically needed in any work environment. In the context of the OS , these include communication related skills that are applicable to most job roles.

National Occupational Standard

Overview

This unit is about latex harvesting involving modern trends in harvesting practices, standards and criteria for opening trees for tapping, implements and devices, rain guarding, use of yield stimulants, panel protection measures, latex collection, preservation and processing.

National Occupational Standard

Unit Code	RSC / N 6103
Unit Title (Task)	Latex harvesting/processing
Description	This unit is about latex harvesting involving modern trends in harvesting practices for tapping, latex collection, preservation and processing.
Scope	This unit covers the following tasks: • Collecting the latex scientifically from each tree • Collecting latex for preservation and processing.
Performance Criteria (PC) w.r.t. the Scope	
Element	**Performance Criteria**
Latex harvesting and Collection	To be competent, the user/individual on the job must be able to: PC1. Collect field coagulum from each tree just before tapping . PC2. Keep the tapping tools and utensils for handling latex clean. PC3. Ensuring proper hygiene in latex harvesting PC4. Harvest 300 – 400 rubber trees by tapping early in the morning keeping the recommended scientific standards. PC5. Use the recommended tools and devices as per approved standards PC6. Collect the latex from each tree, after giving sufficient time for the latex flow to cease.
Preservation and Protection	PC7. Hand over the latex / field coagulum to the appropriate authority. PC8. Proper usage of panel protectants in the field. PC9. Report on the work done to the appropriate authority PC10. Proper usage of rain guarding materials and fixation of rain guards PC11. Stimulation of latex flow using chemical stimulants PC13. Use anticoagulants such as ammonia and Sodium Sulphite PC14. Preparation of stock solutions of anticoagulants and their addition to latex in the cup as well as in the bucket. PC15. Avoid contamination of latex and field coagulum in the field and its prevention PC16. Ensure proper sieving of latex and its importance. PC17. Bring the latex and the field coagulum to the collection centre/ processing factory.
Knowledge and Understanding (K)	

A. Organizational Context (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand: KA1. The tapping task assigned and the location of the trees. KA2. The practices such as tapping time, tapping frequency, processing methods etc. being followed in the estate/small holding. KA3. The place for handing over the latex and field coagulum. KA4. The provisions and support provided to tappers either through RPS (Rubber Producers' Society) or directly by the owner of the plantation. KA5. Reporting procedure followed in the plantation including those related to number of trees left untapped and the reasons for the same, weight of latex and field coagulum collected on each day, number of tapping days etc.
B. Technical Knowledge	The user/individual on the job needs to know and understand: KB1. The criteria for opening of rubber plantations for tapping such as minimum girth of trees, the percentage of trees in a plantation having the minimum girth etc.(standards of tappability) KB2. Tapping notations such as S/2 d/2, S/2 d/3 etc and their meaning. KB3. Importance and meaning of terms such as tapping frequency, periodicity, intensity, length and slope of cut, direction, tapping panel etc. KB4. Awareness about panel rotation KB5. Usage of various tapping implements such as templates, knives, collection cups, cup hanger, spout etc. KB6. Knowledge about marking of trees for tapping KB7. Basic principles of tapping including bark anatomy, latex vessels in the bark, turger pressure etc. KB8. Importance of depth of tapping, bark consumption etc. KB9. Time of tapping and its importance KB10. Factors affecting efficiency of tapping. KB11. Tapping in rainy season and use of rain guarding. KB12. Rain guarding materials and fixation of rain guards KB13. Stimulation of latex flow using chemical stimulants KB14. Knowledge on tapping panel dryness and its prevention KB15. Modern harvesting techniques such as low frequency tapping, controlled upward tapping etc. KB16. Common problems in tapping and methods of circumventing the same. KB17. Importance of tapping rest and recommended practices KB18. Economic life of rubber trees KB19. Collection of latex and field coagulum KB20. Importance of hygiene in latex harvesting KB21. Pre coagulation and its prevention KB22. Use of anticoagulants such as ammonia and Sodium Sulphite KB23. Preparation of stock solutions of anticoagulants and their

	addition to latex in the cup as well as in the bucket. KB24. Contamination of latex and field coagulum in the field and its prevention KB25. Sieving of latex and its importance. Sieves used for the purpose KB26. Usage of panel protectants in the field. KB27. Benefits of tapping in the early morning and usage of different types of headlights for use under such conditions KB28. Tapping panel diseases and its control. KB29. Awareness about general safety and security issues in rubber plantation. KB30. Knowledge on use of safety equipment such as gum boots, goggles etc. KB31. Snake menace in rubber plantations and knowledge about avoiding such risks KB32. Importance of clearing walkways in the plantations KB33. Be aware of methods of alerting others for help in emergencies
Skills (S)	
A. Core Skills/ Generic Skills	**Writing Skills**
	The user/ individual on the job needs to know and understand how to: SA1. Prepare brief reports on tapping SA2. Write tree numbers, if necessary SA3. Basic arithmetical calculations SA4. Write the weight of latex and field coagulum
	Reading Skills
	The user/individual on the job needs to know and understand how to: KA2. Read and understand the periodicals, training manual on tapping to equip with modern trends of harvesting. KA3. Read written instructions and notices from the management
	Oral Communication (Listening and Speaking skills)
	The user/individual on the job needs to know and understand how to: KA4. Be a good listener to any new information being introduced in the field. KA5. Communicate effectively with colleagues and superiors
B. Professional Skills	**Decision Making**
	The user/individual on the job needs to know and understand how to: SB1. Take appropriate decisions regarding processing steps in view of changing quality and availability of raw materials and finished goods.

	Plan and Organize
	The user/individual on the job needs to know and understand how to: SB2. seek clarification on problems from others SB3. apply problem-solving approaches in different situations SB4. refer anomalies to the line manager
	Customer Centricity
	The user/individual on the job needs to know and understand how to: NA
	Problem Solving
	The user/individual on the job needs to know and understand how to: SB 5. Interpret quality for sheet SB 6 . Suggest improvements(if any) in process/product/materials based on results and experience
	Analytical Thinking
	The user/individual on the job needs to know and understand how to: SB7. think through the problem, evaluate the possible solution(s) and suggest an optimum /best possible solution(s) SB8. deal with clients lacking the technical background to solve the problem on their own identify immediate or temporary solutions to resolve delays
	Critical Thinking
	The user/individual on the job needs to know and understand how to: SB9. Handle equipment/rubber sheet SB6. seek clarification on problems from others SB10. apply problem-solving approaches in different situations SB11. refer anomalies to the line manager

NOS Version Control

NOS Code	RSC / N 6103		
Credits(NSQF)	TBD	Version number	1.0
Industry	Rubber Industry	Drafted on	14/05/15
Industry Sub-sector	Natural Rubber Plantation	Last reviewed on	14/05/15
Occupation	Production (NR)	Next review date	14/05/16

National Occupational Standard

Overview

This unit is about Natural Resource Management

National Occupational Standard

Unit Code	RSC/ N 5005
Unit Title (Task)	**Natural Resource Management**
Description	This unit is about Natural Resource Management
Scope	This unit/task covers the following: • Natural resource management (Soil & water) • Waste management & health care • Input (chemicals and other materials) management
Performance Criteria(PC) w.r.t the scope	
Element	**Performance Criteria**
Natural resource management	To be competent, the individual on the job must be able to know *and* understand– PC1. The possibilities and causes of soil erosion PC2. Precautions to be taken to minimize soil erosion PC3. Correct method and direction of terrace preparation. PC4. Correct method of providing proper drainage PC5. Reuse of river sand used as seed germination medium PC6. Hedge maintenance PC7. Protection of water source from pollution PC8. Rain water harvesting PC9. Judicious use of water during irrigation PC10. Mulching for soil and moisture conservation PC11. Avoiding excess dosage of fertilisers and chemicals to minimise damage to soil micro flora and micro fauna
Waste management & Health care	PC12. Importance of premise cleanliness PC13. Collection and storage of empty containers, worn out polythene bags, waste budding tapes, fertilizer bags etc. from the field for reuse/disposal PC14. Use of dried leaves from the cut back portions of bud wood, seedlings after pulling out for mulching PC15. Use of personal protective devices to minimize damages due to exposure PC16. Timely detection and treatment for diseases to avoid over dosage of chemicals PC17. Prevention of diseases and moisture depletion through appropriate management strategies

Input (chemical) management	PC18. Treatment of waste water from coir pith seasoning PC19. Destroy sources of mosquito breeding to control possible epidemics PC20. Awareness about consequences of chemical contamination PC21. Use of pesticides and fungicides only as per recommendations PC22. Use of stimulants as per recommendations. PC23. Use herbicides judiciously PC24. Spraying & handling chemicals using hood, masks, gloves etc PC25. Use chemical fertilizer as per recommendations only PC26. Usage of organic and bio- fertilizers PC27. Usage of plant growth hormones and bio control measures against diseases, weeds etc.
Knowledge and Understanding (K)	
A. Organizational context (Knowledge of the company / organization and its processes)	**The user/individual on the job needs to know and understand:** KA1. Importance of conservation of natural resources KA2. Impact of soil erosion on fertility of soil KA3. Judicious use of water and effective irrigation techniques KA4. Judicious use of fertilizers and chemicals KA5. Environmental pollution and control measures KA6. Instructions regarding environmental hygiene and health care
B. Technical knowledge	The user/individual on the job needs to know and understand: KB1. Methods of soil manipulation with minimum erosion KB2. Importance of selecting appropriate site considering its terrain KB3. Knowledge about appropriate Irrigation schedule and methods KB4. Types of fertilizers and methods of fertilizer application KB5. Importance of using organic and bio- fertilizers KB6. Fungicides, pesticides, herbicides and other chemicals and its dosages and methods of applications KB7. Operations of sprayers and dusters KB8. Operations of machines for irrigation KB9. Principles of waste management KB10. Usage of personal protective devices and their importance
Skills (S)	
A. Core Skills/	**Writing Skills**

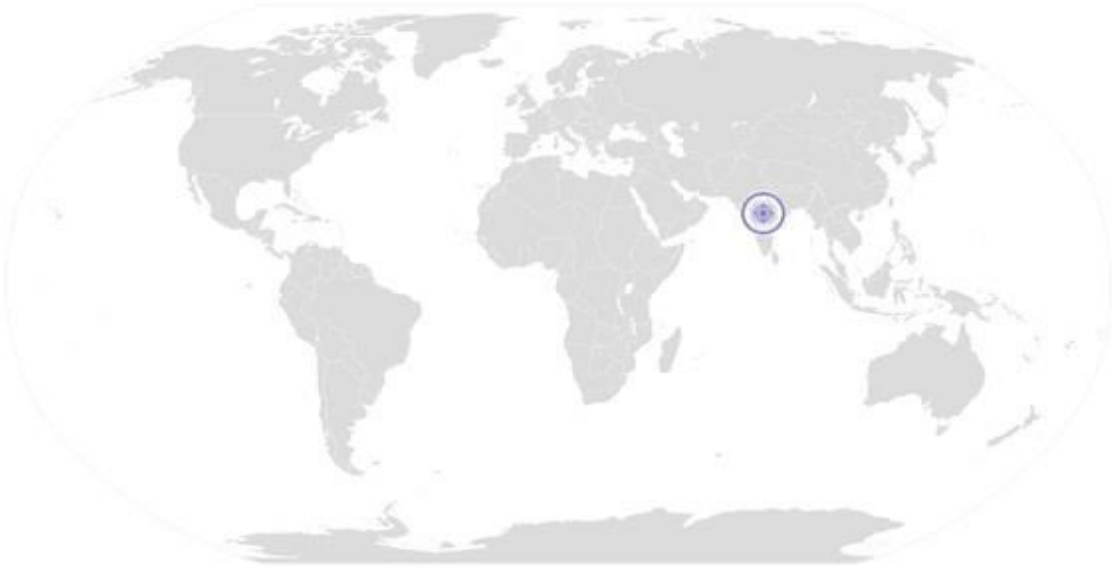
Generic Skills	The user/ individual on the job needs to know and understand how to: SA1. Convey ideas and information clearly through written document SA2. Writing simple letters, requests, reports etc. SA3 Preparing applications for leave or any eligible assistance.
	Reading Skills
	The user/individual on the job needs to know and understand how to: SA4. Read and understand the contents published in newspapers and farm magazines SA5. Read written instructions, notices etc.
	Oral Communication (Listening and Speaking skills)
	The user/individual on the job needs to know and understand how to: . SA6. Express statements, opinions or information clearly so that the receiver can hear and understand SA7. Respond appropriately to queries SA8. Communicate effectively to Manager, Supervisor, office staff and other workers
B. Professional Skills	**Decision Making**
	The user/individual on the job needs to know and understand how to: SB1. Take appropriate decisions regarding processing steps in view of changing quality and availability of raw materials and finished goods.
	Plan and Organize
	The user/individual on the job needs to know and understand how to: SB2. seek clarification on problems from others SB3. apply problem-solving approaches in different situations SB4. refer anomalies to the line manager
	Customer Centricity
	The user/individual on the job needs to know and understand how to: NA
	Problem Solving

	The user/individual on the job needs to know and understand how to: SB 5. Interpret quality for sheet SB 6 . Suggest improvements(if any) in process/product/materials based on results and experience
	Analytical Thinking
	The user/individual on the job needs to know and understand how to: SB7. think through the problem, evaluate the possible solution(s) and suggest an optimum /best possible solution(s) SB8. deal with clients lacking the technical background to solve the problem on their own identify immediate or temporary solutions to resolve delays
	Critical Thinking
	The user/individual on the job needs to know and understand how to: SB9. Handle equipment/rubber sheet SB6. seek clarification on problems from others SB10. apply problem-solving approaches in different situations SB11. refer anomalies to the line manager

NOS Version Control

NOS Code	**RSC / N 5005**		
Credits(NSQF)	**TBD**	**Version number**	**1.0**
Industry	**Rubber Industry**	**Drafted on**	**06/01/15**
Industry Sub-sector	**Rubber Plantation (NR production)**	**Last reviewed on**	**06/01/15**
Occupation	**Production-NR**	**Next review date**	**05/01/17**

National Occupational Standard



Overview

This unit is about providing feedback to higher authorities.

National Occupational Standard

Unit Code	RSC/ N 5006
Unit Title (Task)	**Provide Feedback to Higher Authorities**
Description	This unit is about providing feedback to higher authorities
Scope	This unit/task covers the following: • Feed back on innovations in practices/operations • Feed back on incidence of trouble shooting • Feed back on indigenous knowledge (IK)/ indigenous technical knowledge (ITK) for evaluation and adoption • Feed back on socio-economic problems • Feed back on conflicts • Feed back on shortages/surplus of inputs • Information on quality issues of inputs • Information on general health and other aspects
Performance Criteria(PC) w.r.t the scope	
Element	**Performance Criteria**
Feed back on innovations	To be competent, the individual on the job must be able to: PC 1. Generate innovations through expertise PC 2. Report to the higher authorities for trial, modifications and evaluation PC 3. Implement/adopt the approved innovations
Feed back on incidence of trouble shooting	PC 4. Identify the issues requiring trouble shooting. PC 5. Report to the higher authorities for diagnosing and remedial action. PC 6. Carry out protection measures. PC 7. Report on the effectiveness of the control measures. PC 8. Report on the effect of climatic factors on the functioning of the factory.
Feed back on indigenous knowledge/ITK	PC 9. Identify appropriate location specific indigenous knowledge PC 10. Report it to higher authorities for trial, evaluation and adoption with modifications, if any PC 11. Report on the results of such trials
Feed back on socio-economic problems	PC 12. Identify the socio-economic problems PC 13. Report it to higher authorities for investigation and solution PC 14. Extend possible help for solving such problems.

Feed back on conflicts	PC 15. Aware of the conflict existing and its possible causes PC 16. Report to the higher authority for resolving the issues PC 17. Extend possible help for solving the conflict
Knowledge and Understanding (K)	
A. Organizational context (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand: KA 1. Importance of providing feedback for improvement KA 2. Importance of indigenous knowledge for evolving/adopting location specific practices KA 3. Rectification/solution of problems/conflicts for the smooth functioning of the factory.
B. Technical Knowledge	The user/individual on the job needs to know and understand: KB 1. The need for ammoniating field latex and what happens when it is centrifuged. KB 2. About latex production from rubber plantation KB 3. Impact of preventive maintenance on the performance of factory. KB 4. The indigenous practices for adoption for better performance KB 5. The local situations and come out with innovations through experience KB 6. Problem/conflict identification KB 7. Methods of reporting to higher authorities
Skills (S) (Optional)	
A. Core Skills/ Generic Skills	**Writing Skills**
	The user/ individual on the job needs to know and understand how to: SA 1. Prepare simple written documents to provide feed back to higher authorities SA 2. Convey ideas/information clearly in writing
	Reading Skills
	The user/individual on the job needs to know and understand how to: SA 3. Read and understand the contents published in newspaper and other publications SA 4. Read and understand images, diagrams, leaflets etc SA 5. Read written instructions, notices etc.

	Oral Communication (Listening and Speaking skills)
	The user/individual on the job needs to know and understand how to: . SA 6. Express statements, opinions or information clearly so that the receiver can hear and understand properly. SA 7. Respond appropriately to queries SA 8. Communicate effectively to Factory Manager, Supervisor, Head worker , office staff and other workers
B. Professional Skills	**Decision Making**
	The user/individual on the job needs to know and understand how to: SB1. Take appropriate decisions regarding processing steps in view of changing quality and availability of raw materials and finished goods.
	Plan and Organize
	The user/individual on the job needs to know and understand how to: SB2. seek clarification on problems from others SB3. apply problem-solving approaches in different situations SB4. refer anomalies to the line manager
	Customer Centricity
	The user/individual on the job needs to know and understand how to: NA
	Problem Solving
	The user/individual on the job needs to know and understand how to: SB 5. Interpret quality for sheet SB 6 . Suggest improvements(if any) in process/product/materials based on results and experience
	Analytical Thinking
	The user/individual on the job needs to know and understand how to: SB7. think through the problem, evaluate the possible solution(s) and suggest an optimum /best possible solution(s) SB8. deal with clients lacking the technical background to solve the problem on their own identify immediate or temporary solutions to resolve delays

	Critical Thinking
	The user/individual on the job needs to know and understand how to: SB9. Handle equipment/rubber sheet SB6. seek clarification on problems from others SB10. apply problem-solving approaches in different situations SB11. refer anomalies to the line manager

NOS Version Control

NOS Code	**RSC / N 5006**		
Credits(NSQF)	**TBD**	**Version number**	**1.0**
Industry	**Rubber Industry**	**Drafted on**	**14/05/15**
Industry Sub-sector	**Natural Rubber Plantation**	**Last reviewed on**	**14/05/15**
Occupation	**Production (NR)**	**Next review date**	**14/05/16**

CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role Latex Harvest Technician
Qualification Pack RSC/ Q 6103
Sector Skill Council Rubber Skill Development Council

Guidelines for Assessment

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. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
4. Individual assessment agencies will create unique evaulations for skill practical for every student at each examination/training center based on this criteria
5. To pass the Qualification Pack , every trainee should score a minimum of 70% in every NOS
6. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack

Assessment Strategy			Marks Allocation		
NOS	**Elements**	**Performance Criteria**	**Total**	**Theory**	**Practical**
1. RSC / N 6103(Latex harvesting/processing)	Latex harvesting and Collection	PC1. Harvest 300 – 400 rubber trees by doing tapping early in the morning keeping the recommended scientific standards.	12	0	12
		PC2. Use the recommended tools and devices as per approved standards	6	0	6
		PC3. Collect the latex from each tree, after giving sufficient time for the latex flow to cease.	3	0	3
		PC4. Collect field coagulum from each tree just before tapping	3	0	3
		PC5. Keep the tapping tools and utensils for handling latex clean.	3	0	3
	Preservation and Protection	PC6. Bring the latex and the field coagulum to the collection centre/ processing factory.	0	0	0
		PC7. Hand over the latex / field coagulum to the appropriate authority.	0	0	0
		PC8. Proper usage of panel protectants in the field	9	0	9
		PC9. Report on the work done to the appropriate authority	3	3	0
		PC10. Proper usage of rain guarding materials and fixation of rain guards	6	0	6
		PC11. Stimulation of latex flow using chemical	3	0	3

		stimulants			
		PC12. Ensuring proper hygiene in latex harvesting	3	0	3
		PC13. Use anticoagulants such as ammonia and Sodium Sulphide	6	0	6
		PC14. Preparation of stock solutions of anticoagulants and their addition to latex in the cup as well as in the bucket	15	0	15
		PC15. Avoid contamination of latex and field coagulum in the field and its prevention	9	3	6
		PC16. Ensure proper sieving of latex and its importance.	16	6	10
		PC17. Tackling snake menace in rubber plantations and knowledge about avoiding such risks	3	3	0
			100	15	85
2. RSC/ N 5005 (Natural Resource Management)	Natural resource management	PC1. The possibilities and causes of soil erosion	2	2	0
		PC2. Precautions to be taken to minimize soil erosion	4	2	2
		PC3. Correct method and direction of terrace preparation	9	0	9
		PC4. Correct method of providing proper drainage	9	0	9
		PC5. Reuse of river sand used as seed germination medium	2	2	0
		PC6. Hedge maintenance	2	0	2
		PC7. Protection of water source from pollution	2	2	0
		PC8. Rain water harvesting	9	0	9
		PC9. Judicious use of water during irrigation	4	0	4
		PC10. Mulching for soil and moisture conservation	4	0	4
		PC11. Avoiding excess dosage of fertilisers and chemicals to minimise damage to soil microflora and micro fauna	4	4	0
	Waste management & Health care	PC12. Importance of premise cleanliness	2	0	2
		PC13. Collection and storage of empty containers, worn out polythene bags, waste budding tapes, fertilizer bags etc. from the field for reuse/disposal	2	0	2

		PC14. Use of dried leaves from the cut back portions of bud wood, seedlings after pulling out for mulching	9	0	9
		PC 15.Use of personal protective devices to minimize damages due to exposure	4	4	0
		PC16. Timely detection and treatment for diseases to avoid over dosage of chemicals	2	2	0
		PC17. Prevention of diseases and moisture depletion through appropriate management strategies	4	4	0
	Input (chemical) management	PC18. Treatment of waste water from coir pith seasoning	4	0	4
		PC19. Destroy sources of mosquito breeding to control possible epidemics	2	0	2
		PC20. Awareness about consequences of chemical contamination	2	2	0
		PC21. Use of pesticides and fungicides only as per recommendations	2	0	2
		PC22. Use of stimulants as per recommendations	2	0	2
		PC23. Use herbicides judiciously	2	0	2
		PC24. Spraying & handling chemicals using hood, masks, gloves etc	4	0	4
		PC25. Use chemical fertilizer as per recommendations only	2	2	0
		PC26. Usage of organic and bio- fertilizers	4	4	0
		PC27. Usage of plant growth hormones and biocontrol measures against diseases, weeds etc.	2	0	2
			100	30	70
3. RSC/ N 5006 (Feedback to higher authorities)	Feed back on innovations	PC1. Generate innovations through expertise	5	5	0
		PC2. Report to the higher authorities for trial, modifications and evaluation	0	0	0
		PC3. Implement/adopt the approved innovations	10	0	10
	Feed back on incidence of pest and diseases	PC4. Identify the incidence of pests and disease	20	0	20
		PC5. Report to the higher authorities for diagnosing and remedial action	0	0	0
		PC6. Carry out protection measures	10	10	0
		PC7. Reporting on the effectiveness of the control measures	5	5	0
		PC8. Reporting on the effect of climatic factors on the health of plants	5	5	0

	Feed back on indigenous knowledge/ITK	PC9. Identify appropriate situation/location specific indigenous knowledge	15	15	0
		PC9. Identify appropriate situation/location specific indigenous knowledge	5	5	0
		PC10. Report to higher authorities for trial, evaluation and adoption with modifications, if any	0	0	0
		PC11. Report on the results of such trials	0	0	0
	Feed back on socio-economic problems	PC12. Identify the existence of socio-economic problems	10	10	0
		PC13. Report to higher authorities for investigation and solution	0	0	0
		PC14. Extent possible help for solving such problems	0	0	0
	Feed back on conflicts	PC15. Aware of the conflict existing and its possible causes	10	10	0
		PC16. Report to the higher authority for rectification	0	0	0
		PC17. Extent possible help for solving the conflict	5	5	0
			100	70	30

SSC	QPCode	Name of the QP	NSQF Level	Equipment Name	Min. no. of Equipment required (per batch of 30 trainees)	Unit Type	Is this a mandatory Equipment to be Training Center (Yes/No)	Dimension/Specification/Description of the Equipment/ ANY OTHER REMARK
Rubber	RSC/Q 6103	Latex Harvest Technician (Tapper)	4	Equipment Use In Rubber Tapping Operation	2	Unit	Yes	Spouts, plastic cups, - Cup hangers, - Plastic ropes. Matured rubber trees. Rain guard material, sample ammonia solution. Sodium Sulphate. Cleaning equipments like dust picker, hand mop, dry mop, brush etc. Straight fertilizers, Mask, gloves, Growth hormones.