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**APPRENTICESHIP CURRICULUM**  
**for**  
**Latex Harvest Technician (Tapper)**  
**Under**  
**RUBBER INDUSTRY**  
**for**  
**NSQF Level 4**

**National Apprenticeship Promotion  
Scheme**

1	<b>Program Title</b>	Latex Harvest Technician (Tapper)			
2	<b>Program Code, if any</b>	NA			
3	<b>Any related NSQF approved QP/Course/NOS and code</b>	RSC/Q6103			
4	<b>Hours for Basic Training(Block I)</b>	200 (1 Months)			
5	<b>Hours for On the Job Training (Block II)</b>	1632 (9 Months)			
6	<b>Certifying body for Basic Training Program</b>	RSDC			
7	<b>Certifying Body for On the Job training</b>	Industry			
8	<b>Any Licensing requirements, wherever applicable</b>	NA			
9	<b>Minimum eligibility criteria (Educational and/ or technical Qualification)</b>  <b>Exemptions, if any –</b>	Class X  10th/12th passed/ITI/Diploma in any engineering stream or above			
10	<b>Trainer’s Qualification and Experience</b>	Any Graduate preferably in rubber or polymer and 5+ year Experience			
11	<b>NCO code and occupation</b>	NCO-2004/6112.5 And Production - NR			
12	<b>Proposed NSQF level</b>	4			
13	<b>Indicative list of training tools required to deliver this qualification (may be attached)</b>	As per Annexure I & II			
14	<b>Formal structure of the curriculum</b>				
		<b>Modules</b>	<b>Notional hours-Theory</b>	<b>Notional hours-Practical</b>	<b>Total duration</b>
	<b>Basic Training Program</b>	1. Introduction 2. Latex harvesting/ Processing 3. Natural Resource Management 4. Provide Feedback to Higher Authorities 5. Learn Entrepreneurship Skills 6. Health & Safety 7. Soft Skills 8. IT Skills	2 25 20 15 8 2 3 5	0 40 35 0 10 5 5 25	2 65 55 15 18 7 8 30
	<b>On the Job Training Program</b>	1. Introduction 2. Latex harvesting/ Processing 3. Natural Resource Management 4. Provide Feedback to Higher Authorities	24 16 16 48	40 720 720 48	64 736 736 96

15	<b>Total Pass marks</b> <table border="1" data-bbox="404 268 1235 531"> <thead> <tr> <th data-bbox="404 268 669 344"></th> <th data-bbox="669 268 945 344">Pass Marks-Theory</th> <th data-bbox="945 268 1235 344">Pass Marks-Practical</th> </tr> </thead> <tbody> <tr> <td data-bbox="404 344 669 417">Basic Training Program</td> <td data-bbox="669 344 945 417">80.5 out of 115</td> <td data-bbox="945 344 1235 417">129.5 out of 185</td> </tr> <tr> <td data-bbox="404 417 669 531">On the Job Training Program</td> <td data-bbox="669 417 945 531">80.5 out of 115</td> <td data-bbox="945 417 1235 531">129.5 out of 185</td> </tr> </tbody> </table>		Pass Marks-Theory	Pass Marks-Practical	Basic Training Program	80.5 out of 115	129.5 out of 185	On the Job Training Program	80.5 out of 115	129.5 out of 185	
	Pass Marks-Theory	Pass Marks-Practical									
Basic Training Program	80.5 out of 115	129.5 out of 185									
On the Job Training Program	80.5 out of 115	129.5 out of 185									
16	<b>Job description-brief</b>	Latex Harvest Technician is responsible for tapping rubber trees to extract optimum yield from the plantation without causing any damage to the trees.									
17	<b>Progression from the qualification (Please show Professional and academic progression)</b>	Field Supervisor (Latex Harvest) and Academic progression to Level 5 program									
18	<b>Employment avenues/opportunities</b>	<ol style="list-style-type: none"> <li>1. Latex harvesting units in India: The apprentice may be employed with the biggest player of the trades and be a part of their manufacturing set and deliver quality work.</li> <li>2. Latex harvesting unit: The apprentice may be encouraged to set up their own latex harvesting unit and be able to sell harvested latex to rubber processing organizations.</li> <li>3. Education and Training: They may also take up the role of the instructor in this field where they can impart their manufacturing knowledge to the aspiring students.</li> </ol>									

19	<b>Assessment strategy (Basic training and On the Job Training)</b>	For Basic Training & On the Job Training: 1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each 2. 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. 3. The assessment for the theory part will be based on knowledge bank of questions created by the SSC. 4. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS. 5. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below). 6. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion. 7. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully
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		<p>clear the assessment.</p> <p>8. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.</p> <p>9. The assessment of candidates will be conducted at NOS level.</p> <p>10. Assessment criterion has been defined for each NOS and it includes both theoretical and practical skills on which the candidate will be assessed.</p> <p>11. Practical knowledge is tested through assessor driven evaluation, Situational Judgment Tests and Simulations. A mix of the three is used to evaluate the trainee on his practical knowledge of the QP.</p> <p>12. The candidate is assessed on skills, knowledge and behavioural aspects.</p>
<b>20</b>	<b>Curriculum update version and date</b>	25/03/2019
<b>21</b>	<b>Curriculum revision date</b>	24/03/2020

## Curriculum

Module Name with duration	Key Learning outcomes
<b>Theory/Basic Training Program- Block I</b>	
<p><b>Introduction</b></p> <p><b>Theory Duration</b> (hh:mm) 02:00</p> <p><b>Practical Duration</b> (hh:mm) 00:00</p> <p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>• Importance of Rubber Sector.</li> <li>• Role and responsibility of Latex Harvest Technician.</li> </ul>
<p><b>Latex harvesting/ Processing</b></p> <p><b>Theory Duration</b> (hh:mm) 25:00</p> <p><b>Practical Duration</b> (hh:mm) 40:00</p> <p><b>Corresponding NOS Code</b> RSC/N6103</p>	<ul style="list-style-type: none"> <li>• Collect field coagulum from each tree just before tapping.</li> <li>• Keep the tapping tools and utensils for handling latex clean.</li> <li>• Ensuring proper hygiene in latex harvest.</li> <li>• Harvest 300 – 400 rubber trees by tapping early in the morning keeping the recommended scientific standards.</li> <li>• Use the recommended tools and devices as per approved standards.</li> <li>• Collect the latex from each tree, after giving sufficient time for the latex flow to cease.</li> <li>• Hand over the latex / field coagulum to the appropriate authority.</li> <li>• Proper usage of panel protectants in the field.</li> <li>• Report on the work done to the appropriate authority.</li> <li>• Proper usage of rain guarding materials and fixation of rain guards.</li> <li>• Stimulation of latex flow using chemical stimulants.</li> <li>• Use anticoagulants such as ammonia and Sodium Sulphite.</li> <li>• Preparation of stock solutions of anticoagulants and their addition to latex in the cup as well as in the bucket.</li> <li>• Avoid contamination of latex and field coagulum in the field and its prevention.</li> <li>• Ensure proper sieving of latex and its importance.</li> <li>• Bring the latex and the field coagulum to the collection centre/ processing factory.</li> </ul>
<p><b>Natural Resource Management</b></p> <p><b>Theory Duration</b> (hh:mm) 20:00</p> <p><b>Practical Duration</b> (hh:mm) 35:00</p>	<ul style="list-style-type: none"> <li>• Identify the possibilities and causes of soil erosion.</li> <li>• Undertake precautions to minimize soil erosion.</li> <li>• Follow correct method and direction of terrace preparation. Know and implement correct method of providing proper drainage.</li> <li>• Maintain Hedges efficiently.</li> <li>• Protect water source from pollution.</li> <li>• Understand and undertake rain water harvest.</li> <li>• Judiciously use water during irrigation.</li> <li>• Know and implement mulching for soil and moisture conservation.</li> </ul>

<p><b>Corresponding NOS Code</b> RSC/N5005</p>	<ul style="list-style-type: none"> <li>• Avoid excess dosage of fertilisers and chemicals to minimise damage to soil micro flora and micro fauna.</li> <li>• Importance of premise cleanliness.</li> <li>• Collection and storage of empty containers, worn out polythene bags, waste budding tapes, fertilizer bags etc. from the field for reuse/ disposal.</li> <li>• Use of dried leaves from the cut back portions of bud wood, seedlings after pulling out for mulching.</li> <li>• Use of personal protective devices to minimize damages due to exposure.</li> <li>• Timely detection and treatment for diseases to avoid over dosage of chemicals.</li> <li>• Prevention of diseases and moisture depletion through appropriate management strategies.</li> <li>• Treatment of waste water from coir pith seasoning.</li> <li>• Destroy sources of mosquito breeding to control possible epidemics.</li> <li>• Awareness about consequences of chemical contamination.</li> <li>• Use of pesticides and fungicides only as per recommendations.</li> <li>• Use of stimulants as per recommendations.</li> <li>• Use herbicides judiciously.</li> <li>• Spraying &amp; handling chemicals using hood, masks, gloves etc.</li> <li>• Use chemical fertilizer as per recommendations only.</li> <li>• Usage of organic and bio- fertilizers.</li> <li>• Usage of plant growth hormones and bio.</li> </ul>
<p><b>Provide Feedback to Higher Authorities</b></p> <p><b>Theory Duration</b> (hh:mm) 15:00</p> <p><b>Practical Duration</b> (hh:mm) 00:00</p> <p><b>Corresponding NOS Code</b> RSC/N5006</p>	<ul style="list-style-type: none"> <li>• Generate innovations through expertise.</li> <li>• Report to the higher authorities for trial, modifications and evaluation.</li> <li>• Implement /adopt the approved innovations.</li> <li>• Identify the issues requiring troubleshooting.</li> <li>• Report to the higher authorities for diagnosing and remedial action.</li> <li>• Carry out protection measures.</li> <li>• Report on the effectiveness of the control measures.</li> <li>• Report on the effect of climatic factors on the functioning of the factory.</li> <li>• Identify appropriate location specific indigenous knowledge.</li> <li>• Report it to higher authorities for trial, evaluation and adoption with modifications, if any.</li> <li>• Report on the results of such trials.</li> <li>• Identify the socio-economic issues.</li> <li>• Report it to higher authorities for investigation and solution.</li> <li>• Generate awareness of the conflict existing and its possible causes.</li> <li>• Report it to the higher authority for resolving the issues.</li> <li>• Extend possible help for solving the conflict.</li> </ul>
<p><b>Learn Entrepreneurship Skills</b></p> <p><b>Theory Duration</b> (hh:mm) 08:00</p> <p><b>Practical Duration</b> (hh:mm) 10:00</p>	<ul style="list-style-type: none"> <li>• Importance of being aware to identify profitable business opportunity (Opportunity can be in the form of new material in use, new process, new technology, new market etc).</li> <li>• Maintain the confidentiality till the completion of working on the idea.</li> <li>• Discuss the opportunity (with trusted ones) to evaluate its feasibility.</li> <li>• Arrange/organize related documents/information.</li> <li>• Monitor the development at competitors' end.</li> <li>• Sustain existing business and make continual improvements.</li> <li>• Evaluate possibilities of process simplification, combining process steps (wherever applicable), and reducing manpower dependency.</li> </ul>

<p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>• Acquire new information for optimal allocation of resources before others to gain profit.</li> <li>• Understanding the requirement of different factors of production: land, labour and capital.</li> <li>• Acquire and deploy necessary resources for exploitation of identified business opportunity.</li> <li>• Develop a business plan.</li> <li>• Acquire financial and material resources.</li> <li>• Organize to hire experienced and efficient human resource.</li> <li>• Arrange for best factory set up.</li> <li>• Raise capital from different sources keeping the interest cost at minimum.</li> <li>• Arrange for purchase, effective utilization and management of the resources.</li> <li>• Assume risk and deal with uncertainty.</li> <li>• Take initiative to start something new (process, product etc.)</li> <li>• Convert new idea into successful innovation.</li> <li>• Replace in whole or in part inferior offerings creating new products/business model.</li> <li>• Develop new combinations of existing inputs.</li> <li>• To be more competitive work towards cost reduction through efficiency, improvement in quality, bring in new product/features of product.</li> <li>• Acquire semi or fully automatic units for improved productivity.</li> <li>• Collection and recording of all information.</li> <li>• Compilation, analysis and documentation.</li> <li>• Correspondence with vendors, clients, govt. agencies and public.</li> </ul>
<p><b>Health and Safety</b></p> <p><b>Theory Duration</b> (hh:mm) 02:00</p> <p><b>Practical Duration</b> (hh:mm) 05:00</p> <p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>• Identify different methods of first aid.</li> <li>• Perform first aid.</li> <li>• Understand CPR.</li> <li>• Perform CPR in case of emergency.</li> </ul>
<p><b>Soft Skills</b></p> <p><b>Theory Duration</b> (hh:mm) 03:00</p> <p><b>Practical Duration</b> (hh:mm) 05:00</p> <p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>• Understand art of effective communication.</li> <li>• Able to handle effective communication with co- workers and their Family.</li> <li>• Able to handle effective Communication with Peers/ colleagues using medical terminology in communication.</li> <li>• Learn basic reading and writing skills.</li> <li>• Follow basics of grooming and personal health.</li> <li>• Effectively work in a team.</li> <li>• Manage time effectively.</li> <li>• Prepare for interviews.</li> </ul>



<p><b>IT Skills</b></p> <p><b>Theory Duration</b> (hh:mm) 05:00</p> <p><b>Practical Duration</b> (hh:mm) 25:00</p> <p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>• Understand parts of a computer.</li> <li>• Understand basics of computer and concept of motherboard.</li> <li>• Use Microsoft Word.</li> <li>• Use Microsoft PowerPoint.</li> <li>• Use Microsoft Excel.</li> <li>• Understand Internet and its uses.</li> </ul>
<p align="center"><b>On the Job Training Program- Block II</b></p>	
<p><b>Introduction</b></p> <p><b>Theory Duration</b> (hh:mm) 24:00</p> <p><b>Practical Duration</b> (hh:mm) 40:00</p> <p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>• Describe roles and responsibilities for “Latex Harvest Technician (Tapper)”.</li> <li>• Apply safety rules during on the job training.</li> <li>• Use personal protective equipment (PPE) during on the job training.</li> <li>• Perform escalations for any abnormalities during on the job training.</li> <li>• Perform reporting as per company’s standard operating procedure (SOP) during on the job training.</li> <li>• Demonstrate how to handle Fire Emergencies.</li> <li>• Describe various emergency situations in industry.</li> <li>• Describe common injuries in the industry.</li> <li>• Describe First Aid box and its constituents.</li> </ul>
<p><b>Latex harvesting/ Processing</b></p> <p><b>Theory Duration</b> (hh:mm) 16:00</p> <p><b>Practical Duration</b> (hh:mm) 720:00</p> <p><b>Corresponding NOS Code</b> RSC/N6103</p>	<ul style="list-style-type: none"> <li>• Identify the tools required for Latex harvesting.</li> <li>• Demonstrate the process of cleaning tools and utensils.</li> <li>• Demonstrate the process of collecting field coagulum from trees.</li> <li>• Perform the process of handing over latex to proper authority.</li> <li>• Demonstrate the use of panel protectants in the field.</li> <li>• Perform the documentation related to work completed.</li> <li>• Demonstrate the process of reporting on the work done to the appropriate authority.</li> <li>• Demonstrate the usage of rain guarding materials.</li> <li>• Perform the stimulation of latex flow using chemical stimulants.</li> <li>• Perform the process of stock solutions preparation of anticoagulants.</li> </ul>
<p><b>Natural Resource Management</b></p> <p><b>Theory Duration</b> (hh:mm) 16:00</p> <p><b>Practical Duration</b> (hh:mm) 720:00</p> <p><b>Corresponding NOS Code</b> RSC/N5005</p>	<ul style="list-style-type: none"> <li>• Determine the possibilities and causes of soil erosion.</li> <li>• Demonstrate the precautions to be taken to minimize soil erosion.</li> <li>• Perform the appropriate methods and direction of terrace preparation.</li> <li>• Demonstrate the correct method of providing proper drainage.</li> <li>• Demonstrate the reuse of river sand used as seed germination medium.</li> <li>• Apply methods of protection of water source from pollution.</li> <li>• Use rain water harvesting.</li> <li>• Use mulching for soil and moisture conservation.</li> <li>• Perform treatment of waste water from coir pith seasoning.</li> </ul>

**Provide Feedback to Higher Authorities**

**Theory Duration**

(hh:mm)

48:00

**Practical Duration**

(hh:mm)

48:00

**Corresponding NOS**

**Code**

RSC/N5006

- Perform the process of reporting of trials to the higher authorities.
- Apply the approved innovations.
- Identify the issues requiring trouble shooting.
- Perform protection measures for problem in the organisation.
- Identify the conflict in organisation.
- Perform the conflict management.

## List of Assessable outcomes/assessment criteria

### Assessment Criteria

<b>Job Role</b>	<b>Latex Harvest Technician (Tapper)</b>
<b>Qualification Pack</b>	<b>RSC/Q6103</b>
<b>Sector Skill Council</b>	<b>Rubber Skill Development Council</b>

<b>S. No.</b>	<b>Guidelines for Assessment</b>
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. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
6	To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
7	In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

<b>Assessment Outcomes</b>	<b>Assessment Criteria for Outcomes</b>	<b>Total Marks (80+20)</b>	<b>Out Of</b>	<b>Theory</b>	<b>Skills Practical</b>
<b>RSC/N6103 Latex harvesting / processing</b>	PC1. Harvest 300 – 400 rubber trees by doing tapping early in the morning keeping the recommended scientific standards.	<b>100</b>	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
	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 stimulants.		3	0	3
	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
		<b>Total</b>	<b>100</b>	<b>15</b>	<b>85</b>
<b>RSC/N5005 Natural Resource Management</b>	PC1. The possibilities and causes of soil erosion.	<b>100</b>	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 rivers and 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 fertilizers and chemicals to minimize damage to soil micro flora and micro fauna.		4	4	0
	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
	PC15. 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
	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 bio-control measures against diseases, weeds etc.		2	0	2
		<b>Total</b>	<b>100</b>	<b>30</b>	<b>70</b>
<b>RSC/ N 5006 Feedback to higher authorities</b>	PC1. Generate innovations through expertise.	<b>100</b>	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
	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
	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
	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
	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
	<b>Total</b>		<b>100</b>	<b>70</b>	<b>30</b>
	<b>Grand Total</b>	<b>300</b>	<b>300</b>	<b>115</b>	<b>185</b>
	<b>Percentage Weightage:</b>			<20%>	<80%>
	<b>Minimum Pass % to qualify (aggregate):</b>			<70%>	

## Annexure I: Tools and Equipment for Basic Training (Block I)

**Sector:** Rubber Industry

**Block I QP Code with Version No. or Course Code:** RSC/Q6103, V1.0

**Block I QP Name or Course Name:** Latex Harvest Technician (Tapper)

**Block I NSQF Level:** 4

S. No.	Equipment Name	Minimum number of Equipment required (per batch of 30 trainees)	Unit Type	Is this a mandatory Equipment to be available at the Training Center (Yes/No)	Dimension/Specification /Description of the Equipment/ ANY OTHER REMARK
1	Laptop/PC	1		Yes	
2	projector	1		Yes	
3	Tapping gouge	10		Yes	
4	Bi-directional tapping knife	10		Yes	
5	Controlled upward tapping knife	10		Yes	
6	Cup hangers	30		Yes	
7	Buckets	10		Yes	
8	Knife Sharpener	1		Yes	
9	Hand Cart	1		No	
10	Broom	5		Yes	
11	Dust pan	5		Yes	
12	Cleaning solvents	1		Yes	
13	Rags for cleaning	As per practical requirement		Yes	
14	Safety goggle	5		No	

15	Safety shoes	5		Yes	
16	Safety gloves	30		Yes	
17	Mask	30		Yes	
18	First aid box	1		Yes	
19	Fire extinguisher	1		Yes	For extinguish A, B, C, D type fires



## Annexure II: Tools and Equipment for Basic Training (Block II)

**Sector:** Rubber Industry

**Block I QP Code with Version No. or Course Code:** RSC/Q6103, V1.0

**Block I QP Name or Course Name:** Latex Harvest Technician (Tapper)

**Block I NSQF Level:** 4

S. No.	Equipment Name	Minimum number of Equipment required (per batch of 30 trainees)	Unit Type	Is this a mandatory Equipment to be available at the Training Center (Yes/No)	Dimension/Specification /Description of the Equipment/ ANY OTHER REMARK
1	Laptop/PC	1		Yes	
2	projector	1		Yes	
3	Tapping gouge	10		Yes	
4	Bi-directional tapping knife	10		Yes	
5	Controlled upward tapping knife	10		Yes	
6	Cup hangers	30		Yes	
7	Buckets	10		Yes	
8	Knife Sharpener	1		Yes	
9	Hand Cart	1		No	
10	Broom	5		Yes	
11	Dust pan	5		Yes	
12	Cleaning solvents	1		Yes	
13	Rags for cleaning	As per practical requirement		Yes	
14	Safety goggle	5		No	

15	Safety shoes	5		Yes	
16	Safety gloves	30		Yes	
17	Mask	30		Yes	
18	First aid box	1		Yes	
19	Fire extinguisher	1		Yes	For extinguish A, B, C, D type fires