

1	Program Title	Grader (RSS Trading)			
2	Program Code, if any	NA			
3	Any related NSQF approved QP/Course/NOS and code	RSC/Q6125			
4	Hours for Basic Training (Block I)	190 Hours (1 Months)			
5	Hours for On the Job Training (Block II)	1632 Hours (9 Months)			
6	Certifying body for Basic Training Program	RSDC			
7	Certifying Body for On the Job training	Industry			
8	Any Licensing requirements, wherever applicable	NA			
9	Minimum eligibility criteria (Educational and/or technical Qualification) Basic Training Exemption Criteria	Class Xth 12th passed / ITI / Diploma in any engineering stream or above			
10	Trainer's Qualification and Experience	Any Graduate preferably in rubber or polymer and 5+ year Experience			
11	NCO code and occupation	NCO-2004/Nil And Production – NR			
12	Proposed NSQF level	4			
13	Indicative list of training tools required to deliver this qualification (may be attached)	As per Annexure I & II			
14	Formal structure of the curriculum				
		Modules	Notional hours-Theory	Notional hours-Practical	Total duration
	Basic Training Program	1. Introduction 2. Grading of RSS 3. To carry out housekeeping 4. To carry out reporting and documentation.	16 48 8 8	8 64 24 24	24 102 32 32
	On the Job Training Program	1. Introduction 2. Grading of RSS 3. To carry out housekeeping 4. To carry out reporting and documentation.	24 120 40 40	40 776 120 122	64 896 160 162

15	Total Pass marks <table border="1" data-bbox="404 268 1313 531"> <thead> <tr> <th data-bbox="404 268 683 344"></th> <th data-bbox="683 268 1002 344">Pass Marks- Theory</th> <th data-bbox="1002 268 1313 344">Pass Marks- Practical</th> </tr> </thead> <tbody> <tr> <td data-bbox="404 344 683 417">Basic Training Program</td> <td data-bbox="683 344 1002 417">105 out of 150</td> <td data-bbox="1002 344 1313 417">105 out of 150</td> </tr> <tr> <td data-bbox="404 417 683 531">On the Job Training Program</td> <td data-bbox="683 417 1002 531">105 out of 150</td> <td data-bbox="1002 417 1313 531">105 out of 150</td> </tr> </tbody> </table>		Pass Marks- Theory	Pass Marks- Practical	Basic Training Program	105 out of 150	105 out of 150	On the Job Training Program	105 out of 150	105 out of 150	
	Pass Marks- Theory	Pass Marks- Practical									
Basic Training Program	105 out of 150	105 out of 150									
On the Job Training Program	105 out of 150	105 out of 150									
16	Job description-brief	<p>The grader visually inspects each and every rubber sheet by holding it against light. Sheets have to be graded as per the guidelines given in the "Green Book" or the relevant BI" specifications.</p>									
17	Progression from the qualification (Please show Professional and academic progression)	<p>Processing Supervisor Rubber Sheeting and Academic progression to Level 5 program</p>									
18	Employment avenues/opportunities	<p>1. Rubber manufacturing 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. 2. 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.</p>									
19	Assessment strategy (Basic training and On the Job Training)	<p>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</p>									

		<p>assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills practical for each PC.</p> <p>3. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.</p> <p>4. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.</p> <p>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).</p> <p>6. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.</p> <p>7. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully 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>
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20	Curriculum update version and date	22/06/2015
21	Curriculum revision date	24/06/2020

Curriculum

Module Name with duration	Key Learning outcomes
Theory/Basic Training Program- Block I	
<p>Introduction</p> <p>Theory Duration (hh:mm) 16:00</p> <p>Practical Duration (hh:mm) 8:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> • Describe the importance of rubber sector. • List role and responsibility of Grader (RSS Trading). • Identify rubber from different sources. • List major rubber associations. • Identify different tools and equipment to be used for “Rubber Grading”.
<p>Grading of rubber sheets</p> <p>Theory Duration (hh:mm) 48:00</p> <p>Practical Duration (hh:mm) 64:00</p> <p>Corresponding NOS Code RSC/N6126</p>	<ul style="list-style-type: none"> • Identify the different grades of rubber sheets. • Identify any defects in the sheet. • Determine rubber sheets grades by assessing the quality of each sheet. • Demonstrate the process of storage of different grades of sheets to avoid any deterioration. • Perform the process of accurate labelling of different grades of rubber. • Apply marking of duration for holding the stock.
<p>To carry out housekeeping</p> <p>Theory Duration (hh:mm) 8:00</p> <p>Practical Duration (hh:mm) 24:00</p> <p>Corresponding NOS Code RSC/N5001</p>	<ul style="list-style-type: none"> • Describe what is housekeeping. • Explain the importance & purpose of housekeeping. • Describe what is ‘5S’. • Identify housekeeping equipment. • Perform the process of cleaning of the machines. • Demonstrate the housekeeping of work area with specified equipment and material. • Perform housekeeping activities independently without supervision.

<p>To carry out reporting and documentation</p> <p>Theory Duration (hh:mm) 8:00</p> <p>Practical Duration (hh:mm) 24:00</p> <p>Corresponding NOS Code RSC/N5002</p>	<ul style="list-style-type: none"> • Explain the importance of documentation. • Interpret the common documentation used in the rubber industry. • Explain the importance of reporting. • Discuss of organization policies and guidelines. • Describe the purpose of procedures in an organization. • Use work instruction for working in an organization. • Use the communication process during day to day work. • Demonstrate the process of overcoming problems in communication. • Apply the traits of active listening. • Apply the best practices used for good writing skill. • Apply process of resolving conflict with a team member. • Determine priority of work from pending work list. • Perform reporting for daily operations independently without supervision.
<p>On the Job Training Program- Block II</p>	
<p>Introduction</p> <p>Theory Duration (hh:mm) 24:00</p> <p>Practical Duration (hh:mm) 40:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> • Describe roles and responsibilities for “Grader (RSS Trading)”. • Apply safety rules during shop floor training. • Use personal protective equipment (PPE) during shop floor training. • Perform escalations for any abnormalities during shop floor training. • Perform reporting as per company’s standard operating procedure (SOP) during shop floor training. • Demonstrate how to handle fire emergencies. • Describe various emergency situations in industry. • Describe common injuries in the industry. • Describe First Aid box and its constituents.
<p>Grading of rubber sheets</p> <p>Theory Duration (hh:mm) 120:00</p> <p>Practical Duration (hh:mm) 776:00</p> <p>Corresponding NOS Code RSC/N6126</p>	<ul style="list-style-type: none"> • Identify the different grades of rubber sheets. • Perform segregation of rubber sheets. • Identify any defects in the sheet. • Analyze the defects identified in the sheets. • Report any defect/deterioration in quality of sheets to the Superiors. • Determine rubber sheets grades by assessing the quality of the sheets. • Perform the activity of storing the sheets as per FIFO (First in first out) principle. • Apply label and tags on the rubber sheets for identification. • Define duration of holding sheets before dispatch.

<p>To carry out housekeeping</p> <p>Theory Duration (hh:mm) 40:00</p> <p>Practical Duration (hh:mm) 120:00</p> <p>Corresponding NOS Code RSC/N5001</p>	<ul style="list-style-type: none"> • Perform sorting of material and tools for deploying 5S. • Apply tags to material for easy identification. • Select appropriate equipment for cleaning. • Perform the process of cleaning of work area with specified cleaning equipment and material. • Perform housekeeping activities independently without supervision.
<p>To carry out reporting and documentation</p> <p>Theory Duration (hh:mm) 40:00</p> <p>Practical Duration (hh:mm) 122:00</p> <p>Corresponding NOS Code RSC/N5002</p>	<ul style="list-style-type: none"> • Interpret the reports related to rubber grading. • Report shift production details for management review. • Report any issue faced during the work to supervisor. • Report time lost during rubber grading to supervisor. • Interpret and practice organization policies and guidelines. • Apply organizational procedures in day to day work. • Practice work instructions for carrying out rubber grading. • Use appropriate communication process during day to day work. • Apply the traits of active listening. • Apply the best practices used for good writing skill. • Use process of resolving conflict with a team member as and when required. • Determine priority of work from pending work list. • Perform reporting for daily operations independently without supervision.

List of Assessable outcomes/assessment criteria

Assessment Criteria

Job Role	Grader RSS-Trading
Qualification Pack	RSC/Q6125
Sector Skill Council	Rubber Skill Development Council

S. No.	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 centre (as per assessment criteria below).
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre 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 Outcomes	Assessment Criteria for Outcomes	Total Marks (80+20)	Out Of	Theory	Skills Practical
RSC/ N6126 Grading of RSS	PC1. Correctly identify the different grades of rubber sheets.	100	16	6	2
	PC2. Identify any defects in the sheet.		16	6	2
	PC3. Convey any defect/deterioration in quality of sheets to the Superiors.		14	4	2
	PC4. Categorize rubber sheets into appropriate grades by assessing the quality of each sheet.		12	4	2
	PC5. Instruct for proper storage of different grades of sheets to avoid any deterioration.		15	4	4
	PC6. Ensure accurate labeling of different grades of rubber.		15	4	4
	PC7. Mark duration for holding the stock.		12	6	2
		Total	100	60	40
RSC/N5001 To carry out Housekeeping	PC1. Inspect the area while taking into account various surfaces.	100	6	2	4
	PC2. Identify the material requirements for cleaning the areas inspected, by considering risk, time, efficiency and type of stain.		4	2	2
	PC3. Ensure that the cleaning equipment is in proper working condition.		5	2	3

PC4. Select the suitable alternatives for cleaning the areas in case the appropriate equipment and materials are not available and inform the appropriate person.	4	0	4
PC5. Plan the sequence for cleaning the area to avoid re-soiling clean areas and surfaces.	6	2	4
PC6. Inform the affected people about the cleaning activity.	4	0	4
PC7. Display the appropriate signage for the work being conducted.	5	2	3
PC8. Ensure that there is adequate ventilation for the work being carried out.	4	2	2
PC9. Wear the personal protective equipment required for the cleaning method and materials being used.	5	2	3
PC10. Use the correct cleaning method for the work area, type of soiling and surface.	4	2	2
PC11. Carry out cleaning activity without disturbing others.	5	1	4
PC12. Deal with accidental damage, if any, caused while carrying out the work.	2	0	2
PC13. Report to the appropriate person any difficulties in carrying out the work.	4	1	3
PC14. Identify and report to the appropriate person any additional cleaning required that is outside one's responsibility or skill.	4	1	3
PC15. Ensure that there is no oily substance on the floor to avoid slippage.	6	2	4
PC16. Ensure that no scrap material is lying around.	4	0	4
PC17. Maintain and store housekeeping equipment and supplies.	4	2	2
PC18. Follow workplace procedures to deal with any accidental damage caused during the cleaning process.	2	0	2
PC19. Ensure that, on completion of the work, the area is left clean and dry and meets requirements.	3	1	2
PC20. Return the equipment, materials and personal protective equipment that were used to the right places making sure they are clean, safe and securely stored.	5	2	3
PC21. Dispose off the waste generated from the activity in an appropriate manner.	4	0	4
PC22. Dispose of used and un-used solutions according to manufacturer's instructions, and clean the equipment thoroughly.	4	2	2
PC23. Maintain schedules and records for housekeeping duty.	4	2	2
PC24. Replenish any necessary supplies or consumables.	2	0	2
Total	100	30	70

RSC / N5002 To carry out reporting and documentation	PC1. Report data/problems/incidents as applicable in a timely manner.	100	3	2	1
	PC2. Report to the appropriate authority as laid down by the company.		3	2	1
	PC3. Follow reporting procedures as prescribed by the company.		3	2	1
	PC4. Identify documentation to be completed relating to one's role.		3	2	1
	PC5. Record details accurately an appropriate format.		2	1	1
	PC6. Complete all documentation within stipulated time according to company procedure.		3	1	2
	PC7. Ensure that the final document meets with the requirements of the persons who requested it or make any amendments accordingly.		3	1	2
	PC8. Make sure documents are available to all appropriate authorities to inspect.		3	1	2
	PC9. Respond to requests for information in an appropriate manner whilst following organizational procedures.		3	1	2
	PC10. Inform the appropriate authority of requests for information received.		3	1	2
	Total		100	60	40
	Grand Total		300	150	150
	Percentage Weightage:			<20%>	<80%>
	Minimum Pass % to qualify (aggregate):			<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/Q6125, V1.0

Block I QP Name or Course Name: Grader (RSS Trading)

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	Weighing Scale	1	Industrial grade	Yes	500 kg Capacity
6	Inspection light	5		Yes	
7	Inspection table	5		Yes	
8	Marker	30		Yes	
9	Storage racks	1		Yes	
10	Material Movement Trolley	2		Yes	
11	Pallet	2		No	
12	Hand Pallet Mover	1		No	100-500 kg capacity
13	Manual Strapping Tool	1		No	
14	Strapping machine	1		No	
15	Storing rack	1		Yes	
16	Floor cleaner	1		No	

17	Broom	5		Yes	
18	Dust pan	5		Yes	
19	Cleaning solvents (Ltrs.)	1		Yes	
20	Rags for cleaning	As per practical requirement		Yes	
21	Safety goggle	5		No	
22	Safety shoes	5		No	
23	Safety gloves	30		Yes	
24	Mask	30		Yes	
25	First aid box	1		Yes	
26	Fire extinguisher	1		Yes	For extinguishing 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/Q6125, V1.0

Block I QP Name or Course Name: Grader (RSS Trading)

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	Weighing Scale	1	Industrial grade	Yes	500 kg Capacity
6	Inspection light	5		Yes	
7	Inspection table	5		Yes	
8	Marker	30		Yes	
9	Storage racks	10		Yes	
10	Material Movement Trolley	5		Yes	
11	Pallet	20		Yes	
12	Hand Pallet Mover	4		Yes	100-500 kg capacity
13	Manual Strapping Tool	1		Yes	
14	Strapping machine	1		Yes	
15	Storing rack	10		Yes	
16	Floor cleaner	1		Yes	

17	Broom	5		Yes	
18	Dust pan	5		Yes	
19	Cleaning solvents (Ltrs.)	1		Yes	
20	Rags for cleaning	As per practical requirement		Yes	
21	Safety goggle	5		Yes	
22	Safety shoes	5		Yes	
23	Safety gloves	30		Yes	
24	Mask	30		Yes	
25	First aid box	1		Yes	
26	Fire extinguisher	1		Yes	For extinguishing A, B, C, D type fires