Revised Application Documentation: Version 4 /25 May, 2015

QUALIFICATION FILE – CONTACT DETAILS OF SUBMITTING BODY

Name and address of submitting body:

Rubber Skill Development Council

Ramakrishna Dalamia Wing, PHD House (4th Floor) 4/2, Siri Fort Institutional Area, August Kranti Marg, New Delhi - 110016

Name and contact details of individual dealing with the submission

Name: Shikher Saxena

Position in the organisation: Manager - Standards & Assessment

Address if different from above : Same

Tel number(s) 011 41009347, 41009348

E-mail address info@rsdcindia.in

List of documents submitted in support of the Qualifications File

- 1. Qualification Pack Bicycle/Rickshaw tyre building operator-Mono Band (Attached as Annexure 1)
- 2. Occupational Map (Attached as Annexure 2)
- 3. Concurrence letter from RSDC NOS Subcommittee (Attached as Annexure 4)
- 4. Composition of NOS Subcommittee (Attached as Annexure 5)
- 5. List of companies share the concurrence on Qualification Pack (Attached as Annexure 7)
- 6. Assessment Process flow (Attached as Annexure 8)
- 7. Web Link: Reports of Skill Gap study conducted by RSDC

http://rsdcindia.in/knowledge-base.html

QUALIFICATION FILE SUMMARY

Qualification Title	Bicycle/Rickshaw 0501	Bicycle/Rickshaw tyre building operator-Mono Band - RSC/ Q 0501				
Body/bodies which will assess candidates	RSDC's affiliated	assessment age	ncy			
Body/bodies which will award the certificate for the qualification.	Rubber Skill Deve	lopment Counc	il			
Body which will accredit providers to offer the qualification.	Rubber Skill Deve	Rubber Skill Development Council				
Occupation(s) to which the qualification gives access	Tyre Building Occupation under Tyre manufacturing process					
Proposed level of the qualification in the NSQF.	4	4				
Anticipated volume of training/learning required to complete the qualification.	350 Hrs					
Entry requirements / recommendations.	Class X, Desirable	– 18 Years				
Progression from the qualification.	Bicycle/rickshaw tyre building operator-Mono band level role which leads to supervisor level in Tyre building occupation in tyre manufacturing process					
International comparability where known:	Not applicable					
Planned arrangements for RPL.	RPL assessment oprocess.	arries out as pe	r normal RSDC ass	sessment		
Formal structure of the qualification						
Title of unit or other component (include any identification code used)		Mandatory/ Optional	Estimated size (learning hours)	Level		
RSC/ N 0510 (Prepare building machine components)	and collect	M	90	4		
RSC/ N 0511 (Build bicycle/rickshaw mo	onoband tyre)	М	80	4		
RSC/ N 0512 (Perform post- tyre buildin	ng activities)	M	80	4		
RSC/ N5001 (<u>To carry out housekeeping</u>)	W	25	Common across level (3 to 5)		
RSC/ N5002 (<u>To carry out reporting and</u>	documentation)	М	25	Common across level (3 to 5)		
RSC/ N5003 (<u>To carry out quality checks</u>	.)	М	25	Common across level (3 to 5)		
RSC/ N5004 (<u>To carry out problem identescalation</u>)	rification and	М	25	Common across level (3 to 5)		

Please attach any document giving further detail about the structure of the qualification – eg a Curriculum or Qualification Pack.

Give details of the document here:

Qualification Pack – Bicycle/Rickshaw tyre building operator-Mono Band

SECTION 1

ASSESSMENT

Name of assessment body:

If there will be more than one assessment body for this qualification, give details.

- RSDC approved assessment body. At present RSDC has two affiliated assessment agency.
 - 1. Aspiring Minds
 - 2. Trendsetters

Kindly refer RSDC assessment protocol for selection of assessment agency as Annexure 9

Will the assessment body be responsible for RPL assessment?

Yes

Give details of how RPL assessment for the qualification will be carried out and quality assured.

RPL assessment will be carries out as per normal RSDC assessment process.

Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of the NSQF:

With uniformity and setting of National Occupational Standards (NOS), for different Jobs Roles the assessment of candidates will be at NOS level. Assessment criterion has been defined for each NOS and it includes both theoretical and practical skills on which the candidate will be assessed. The question suite which will be used to check the skills of the trainee would include

- Theoretical test suite Will include multiple choice questions, audio-video question etc. which will test the trainee on his knowledge of the subject
- Practical Knowledge suite Practical knowledge can be tested through Assessor driven evaluation, Situational Judgment Tests and Simulations. A mix of the three would be able to evaluate the trainee on his practical knowledge of the QP

RSDC's assessment strategy:

- Assessment criteria for each Qualification Pack developed, in which each Performance criteria (PC)
 assigned marks based on NOS separately for theoretical and practical skill
- Set of question bank developed to assess the theoretical and practical knowledge. To ensure the quality, each trainees get the unique set of question
- Student has to score minimum marks separately for theoretical and practical skill and overall percentage should also be 50%.
- Empanelment of subject matter expert as assessor to assess trainee specifically on practical skills
- Assessments are preferably conducted on tablets or pen or papers in regional languages according to the requirement.
- Questions are uploaded in the tablets only on the day of assessment
- It has been ensure that TP/trainer should not be present during assessment

Please attach any documents giving further information about assessment and/or RPL. Give details of the document(s) here:
Assessment Process flow

ASSESSMENT EVIDENCE

Complete the following grid for each grouping of NOS, assessment unit or other component as listed in the entry on the structure of the qualification on page 1.

Assessable outcomes	ssessable outcomes				eria for
Title of NOS	Elements	Performance Criteria	Total	Theory	Practical
		PC1. Ensure that the tools and equipments required for tyre building are clean and ready to use.	4	0	4
		PC2. Follow machine and equipment preparation process as per SOP	14	9	5
	Equipment readiness	PC3. Check if the stitchers are functional and have adequate specified pressures as required by specification	12	8	4
		PC4. Make the correct building chuck available	7	0	7
		PC5. Ensure that no delays are caused as a result of improper preparation and failure to identify problems.	4	4	0
	Raw material appropriateness	PC6. Ensure the availability of all the components	3	0	3
RSC / N0510		PC7. Check tags, markings, date and shift to ensure correctness of codes and the use of only within age components made	12	8	4
Prepare building machine and collect components		PC8. Ensure that the component dimensions are as per the specification	14	7	7
·		PC9. Check if all the beads are marked as required for facilitating assembling of correct bead	12	8	4
		PC10. Ensure the use of certified tools and equipments for tyre building	3	3	0
		PC11. Avoid wearing loose shirt	2	2	0
		PC12. Adhere to all safety norms (such as wearing protective gloves,mask,earplugs and safety shoes).		6	2
	Health & Safety	PC13. Avoid spillage and in case of spillage occur, follow safety measures as laid down by safety department	3	3	0
		PC14. Comply with health, safety, environment guidelines and regulations in accordance with international/national standards or	2	2	0

		the organizational standards.			
			100	60	40
		PC1. Ensure that all the components required for tyre building are available as per the specification and schedule.	4	0	4
	Raw material appropriateness	PC2. Check the component for suitability (appearance and other quality checks)	4	2	2
		PC3. Ensure solvent for freshening is available	2	0	2
		PC4. Follow sequence of consolidating components on the building drum as per guidelines issued by the technical	12	4	8
		PC5. Place beads in position on grooves in chuck . Wrap the ply as per SOP	10	3	7
		PC6. Ensure that beads are completely covered inside out with ply at an bias angle	7	3	4
RSC / N0511 Build	Operation	PC7. Apply stitchers and appropriate stitching pressures for proper and uniform stitching of treads with the ply/plies	12	5	7
Bicycle/Rickshaw Monoband Tyre		PC8. Ensure that the turn up and turn down are free of wrinkles and of any air trapment	12	5	7
		PC9. Collapse the chcuk to release the tyre after tyre building is over	3	0	3
		PC10. Use solvent to freshen the ply and tread incas they are low in tack		3	3
		PC11. Inspect the green tyre for blemishes and air pockets and do spot repair	10	4	6
		PC12. Place builder number for Identification and traceability	4	4	0
		PC13. Maintain safe distance from rotating drum	2	0	2
		PC14. Avoid wearing loose shirt	2	2	0
		PC15. Minimal usage of solvent	2	0	2
	Health & Safety	PC16. Adhere to all safety norms (such as wearing protective gloves, masks and earplugs)	6	3	3
		PC17. Comply with health, safety, environment guidelines and regulations in accordance with international/national standards or the organizational standards.	2	2	0
			100	40	60
RSC / N0512		PC1. Place the builder number sticker on the bead area for traceability	7	4	3
Perform Post-Tyre	Operation	PC2. Marking on the tyre with crayon	4	0	4
Building Activities		PC3. Inspect green tyre and check for wrinkles and air pockets; rectify	16	11	5

		/repair wrinkles and awl vent the airpockeetsstore the OK green tyres on pin stand near the building machine for service man to pick up			
		for curing PC4. in plants equipped with overhead hook conveyors load the built green tyre on the hooks for transporting to curing area	3	0	3
		PC5. Maintain the equipments required for tyre building	9	9	0
		PC6. Report any repair and maintenance requirement to the Supervisor	3	3	0
		PC7. Send the unused components to the designated place	4	4	0
		PC8. Maintain the special equipments required for each tyre and size properly in the designated area	12	8	4
		PC9. Record number of tyres built and numbers scarpped	5	0	5
	Material disposal	PC10. Dispose of waste material safely, as per organizational SOP.	2	0	2
	Batch Marking	PC11. Ensure identification and traceability by marking code, date and shift on the tyre with crayon batch as per the instructions laid down by the company.	8	5	3
		PC12. Identify the tyre builder by placing builder number sticker on the bead toe area of the tyre (or as per SOP)	8	5	3
		PC13. Handle the prepared product using hand gloves and other safety equipment.	8	4	4
	Hoalth & Safaty	PC14. Adhere to all safety norms (such as wearing protective gloves ,	8	4	4
	Health & Safety	shoes, safety mask etc). PC15. Comply with health, safety, environment guidelines and regulations in accordance with international/national standards or the organizational standards.	3	3	0
			100	60	40
		PC1. Inspect the area while taking into account various surfaces	3	3	0
RSC/N5001 To Carry Out	Pre housekeeping	PC2. Identify the material requirements for cleaning the areas inspected, by considering risk, time, efficiency and type of stain	3	3	0
Housekeeping	activities	PC3. Ensure that the cleaning equipment is in proper working condition	3	3	0
		PC4. Select the suitable alternatives for cleaning the areas in case the appropriate equipment and materials	3	3	0

	are not available and inform the			
	appropriate person			
	PC5. Plan the sequence for cleaning	_	_	
	the area to avoid re-soiling clean	3	3	0
	areas and surfaces			
	PC6. Inform the affected people	2	2	0
	about the cleaning activity	_	_	Ŭ
	PC7. Display the appropriate signage	3	3	0
	for the work being conducted			Ŭ
	PC8. Ensure that there is adequate			
	ventilation for the work being carried	3	3	0
	out			
	PC9. Wear the personal protective			
	equipment required for the cleaning	3	3	0
	method and materials being used			
	PC10. Use the correct cleaning			
	method for the work area, type of	3	3	0
	soiling and surface			
	PC11. Carry out cleaning activity	2	2	0
	without disturbing others	3	3	0
	PC12. Deal with accidental damage,			
	if any, caused while carrying out the	3	3	0
Operations	work			
	PC13. Report to the appropriate			
	person any difficulties in carrying out	3	3	0
	your work			
	PC14. Identify and report to the			
	appropriate person any additional			
	cleaning required that is outside	3	3	0
	one's responsibility or skill			
	PC15. Ensure that there is no oily			
	substance on the floor to avoid	9	3	6
	slippage			
	PC16. Ensure that no scrap material is	_	_	_
	lying around	9	3	6
	PC17. Maintain and store			
	housekeeping equipment and	3	3	0
	supplies			
	PC18. Follow workplace procedures			
	to deal with any accidental damage	3	3	0
	caused during the cleaning process			
	PC19. Ensure that, on completion of			
Post	the work, the area is left clean and	8	2	6
housekeeping	dry and meets requirements		_	
activities	PC20. Return the equipment,			
	materials and personal protective			
	equipment that were used to the	3	3	0
	right places making sure they are			
	clean, safe and securely stored			
	PC21. Dispose the waste garnered			
	from the activity in an appropriate	9	3	6
	manner			
	PC22. Dispose of used and un-used			
	solutions according to manufacturer's			
	instructions, and clean the	9	3	6
	equipment thoroughly			
	- Cyaipinent thoroughly	1	<u>l</u>	l

		PC23. Maintain schedules and	3	3	0
	General	records for housekeeping duty PC24. Replenish any necessary	3	3	0
		supplies or consumables	100	70	30
		DC1 Depart data/problems/incidents	100	70	30
		PC1. Report data/problems/incidents as applicable in a timely manner	12	8	4
		PC2. Report to the appropriate			
	Reporting	authority as laid down by the	12	8	4
		company			-
1		PC3. Follow reporting procedures as	4.2	0	4
		prescribed by the company	12	8	4
		PC4. Identify documentation to be	10	6	4
		completed relating to one's role	10	0	4
		PC5. Record details accurately an	16	6	10
		appropriate format			
		PC6. Complete all documentation			
RSC/N5002 To	Dana adia a arad	within stipulated time according to	14	4	10
Carry Out Reporting	Recording and Documentation	company procedure PC7. Ensure that the final document			
And Documentation	Documentation	meets with the requirements of the			
		persons who requested it or make	6	4	2
		any amendments accordingly			
		PC8. Make sure documents are			
		available to all appropriate	6	4	2
		authorities to inspect			
		PC9. Respond to requests for			
	Information Security	information in an appropriate	6	6	0
		manner whilst following	О	О	U
		organizational procedures			
	Security	PC10. Inform the appropriate			
		authority of requests for information	6	6	0
		received			
			100	60	40
		PC1. Ensure that total range of checks	2.4	40	4.4
		are regularly and consistently performed	24	10	14
		performed			
	Inspection				
	inspection	PC2. Use appropriate measuring	24	10	1/1
	Inspection	PC2. Use appropriate measuring instruments, equipment, tools,	24	10	14
	Inspection	PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required			
	Inspection	PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to	24	10	14
	Inspection	PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards			
DCC/NF003 T-	Inspection	PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to			
RSC/N5003 To	Inspection	PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of non-	6	4	2
Carry Out Quality	Inspection	PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of non-conformities to quality assurance	6	4	2
		PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of non-conformities to quality assurance standards	6	4	2
Carry Out Quality	Analysis	PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of non-conformities to quality assurance standards PC5. Identify impact on final product due to non-conformance to company standards	6 5	3	2
Carry Out Quality		PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of non-conformities to quality assurance standards PC5. Identify impact on final product due to non-conformance to company standards PC6. Evaluating the need for action to	6 5	3	2
Carry Out Quality		PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of non-conformities to quality assurance standards PC5. Identify impact on final product due to non-conformance to company standards PC6. Evaluating the need for action to ensure that problems do not recur	6 5 5	3	2 2 2
Carry Out Quality		PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of non-conformities to quality assurance standards PC5. Identify impact on final product due to non-conformance to company standards PC6. Evaluating the need for action to ensure that problems do not recur PC7. Suggest corrective action to	6 5 5	3	2 2 2
Carry Out Quality		PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of nonconformities to quality assurance standards PC5. Identify impact on final product due to non-conformance to company standards PC6. Evaluating the need for action to ensure that problems do not recur PC7. Suggest corrective action to address problem	6 5 5	3 3 4	2 2 2
Carry Out Quality		PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of nonconformities to quality assurance standards PC5. Identify impact on final product due to non-conformance to company standards PC6. Evaluating the need for action to ensure that problems do not recur PC7. Suggest corrective action to address problem PC8. Review effectiveness of	6 5 5	3 3 4	2 2 2
Carry Out Quality		PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of non-conformities to quality assurance standards PC5. Identify impact on final product due to non-conformance to company standards PC6. Evaluating the need for action to ensure that problems do not recur PC7. Suggest corrective action to address problem PC8. Review effectiveness of corrective action	6 5 5 6 5	3 3 4 3	2 2 2 2 2
Carry Out Quality		PC2. Use appropriate measuring instruments, equipment, tools, accessories etc ,as required PC3. Identify non-conformities to quality assurance standards PC4. Identify potential causes of nonconformities to quality assurance standards PC5. Identify impact on final product due to non-conformance to company standards PC6. Evaluating the need for action to ensure that problems do not recur PC7. Suggest corrective action to address problem PC8. Review effectiveness of	6 5 5 6 5	3 3 4 3	2 2 2 2 2

1	1				
		PC10. Take up results of the findings			
		with QC in charge/appropriate	3	3	0
		authority.			
		PC11. Take up the results of the	3	3	0
		findings within stipulated time	J	,	
		PC12. Record of results of action	3	3	0
		taken	,	3	U
		PC13. Record adjustments not			
		covered by established procedures	3	3	0
		for future reference			
		PC14. Review effectiveness of action	2	2	0
		taken	2	2	U
		PC15. Follow reporting procedures			
		where the cause of defect cannot be	2	2	0
		identified			
			100	60	40
		PC1. Identify defects/indicators of	_		_
		problems	7	4	3
		PC2. Identify any wrong practices	_	_	_
		that may lead to problems	6	3	3
		PC3. Identify practices that may	_	_	_
		impact the final product quality	6	3	3
	Problem Identification	PC4. Identify if the problem has			
		occurred before	5	3	2
		PC5. Identify other operations that			
		might be impacted by the problem	6	4	2
		PC6. Ensure that no delays are caused			
		as a result of failure to escalate	5	3	2
		problems		3	2
		PC7. Take appropriate materials and			
		sample, conduct tests and evaluate			
		results to establish reasons to	8	5	3
		confirm suspected reasons for non-	0	3	3
		conformance (where required)			
_		PC8. Consider possible reasons for			
RSC/N5004 To		identification of problems	8	5	3
Carry Out Problem		PC9. Consider applicable corrections			
Identification And		and formulate corrective action	3	3	0
Escalation					
		PC10. Formulate action in a timely	3	3	0
		manner PC11. Communicate			
		problem/remedial action to	7	5	2
			,	5	2
	Necessary Action	appropriate parties PC12. Take corrective action in a			
			2	2	0
		timely manner			
		PC13. Take corrective action for	_	2	0
		problems identified according to the	2	2	0
		company procedures			
		PC14. Report/document problem and		_	2
		corrective action in an appropriate	8	5	3
		manner			
		PC15. Monitor corrective action	2	2	0
		PC16. Evaluate implementation of			
		corrective action taken to determine	2	2	0
		if the problem has been resolved			
		· · · · · · · · · · · · · · · · · · ·			

	selected is viable and practical			
	PC18. Ensure that correct solution is identified to an identified problem	2	2	0
	PC19. Take corrective action for problems identified according to the company procedures	1	1	0
	PC20. Ensure that no delays are caused as a result of failure to take necessary action	1	1	0
	PC21. Escalate problem as per laid down escalation matrix	4	3	1
Problem	PC22. Escalate the problem within stipulated time	4	3	1
Escalation	PC23. Escalate the problem in an appropriate manner	3	2	1
	PC24. Ensure that no delays are caused as a result of failure to escalate problems	3	2	1
		100	70	30

Means of assessment 1

The assessment comprise of:

- Written Assessment
- Viva
- Practical assessment

Means of assessment 2

Pass/Fail

The Pass mark of written assessment is 40% and for viva and practical assessment is 40%. Total passing mark is 50%.

SECTION 2

EVIDENCE OF NEED

What evidence is there that the qualification is needed?

Qualification pack has been developed by suggestion and approval of RSDC NOS Subcommittee, which consist of senior leaders and experts from rubber Industry and has been further substantiated by skill gap study conducted by RSDC

What is the estimated uptake of this qualification and what is the basis of this estimate?

We had conducted skill gap study in different states of the country to understand the demand and supply for estimated uptake. Assuming the study finding base for entire rubber industry across the nation, employment opportunity is expected to grow approximately at the rate of 30% in the coming 5 year.

Reports of Skill gap study conducted uploaded on the below link:

http://rsdcindia.in/knowledge-base.html

What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?

Mapping has been done with National Classification of Occupation 2004 to ensure the qualification does not duplicate.

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?

Qualification Packs shall be revised annually.

Please attach any documents giving further information about any of the topics above. Give details of the document(s) here:

SECTION 3

SUMMARY EVIDENCE OF LEVEL

Level of qualification: 4

Summary of Direct Evidence (from learning outcomes):

The Bicycle/Rickshaw tyre building operator-Mono Band is accustomed in periodic work, have knowledge to demonstrate skills, using tools & quality concepts and he is able to disseminate with clear responsibility of work, with minimum supervision.

Skill requires fulfil roles and responsibilities along with activities matched with NSQF level 4.

Process	Professional Knowledge	Professional Skill	Core Skill	Responsibility	Level
Required					
Tyre building	Tyre building operator is	Tyre building	Tyre building	The tyre	4
operator is	expected to have	operator handles	operator is	building	
expected to	factual knowledge of	building	expected to have	operator is	
ensure	processes and	machine, chuck	basic	responsible to	
cleanliness &	understand the risk of	and other	communication	build the	
	not following defined	accessories,	skills to fill	bicycle/rickshaw	
safety in Tyre/		equipments used	appropriate	tyre by	
tube repair	procedures.	in building	forms, process	assembling the	
area, prepare	Tyre building operator	process and	charts and activity	different	
ouilding	needs to have	components	logs, etc and also	components on	
machine and	knowledge of tyre	used in tyre	understand	the tyre building -	
collect all	building chuk and	building.	application of basic	chucks.	
components	understanding on		arthematic	CHUCKS.	
equire for	setting the widths and	He/She needs to	principles.	So the tyre	
tyre building.	selection of bead rings	have the	F P	building	
.yre banamg.	and components for the	capacity to apply	Tyre building	operator is to	
He/She needs	building of desired	technology,	operator is	work on tyre	
o prepares	size/s.	combining the	expected to	building	
Consolidate		physical and	conduct	machine and	
components		sensory skills	themselves	completely	
on the building	He/She is expected to	needed to	in ways, which	responsible his	
chuck as per	have knowledge of	operate	show a basic	own learning.	
guidelines	Stitchers and their	equipment with	understanding of		
ssued by the	settings in tyre building,	the	the <i>social and</i>		
Technical and	maintain correct spacing	understanding of	professional	He/She is	
also to remove	width on building rings,	scientific and	environment of	continuously	
the green tyre	maintain stitcher	technological	working on the	engaged in the	
rom the chuck	pressure and its impact	principles	shopfloor.	self-learning	
and place	and Sequential	needed to		process	
ouilders stamp	application of components (beads, ply	explore and			
for traceability	and tread)	adapt systems		Tyre building	
He/She needs				operator is	
to identify	He/She is expected to	He/She needs to		majorly	
green tyre,	have knowledge of	identify the		responsible for	
nspect , repair	entrapped air in bead	problems		his own job and	
and and hang	area, Impact of tyres	pertaining to the		self learning process which	
them on pin	getting scrapped due to	working of		process which justifies the	
stand provided	building fault and	repairing tools		pegging of the	
on every	Implications of poor or	based on		QP at level 4	
ouilding	loose turn up leads to	visual inspection		and not directly	
machine	poor green tyre with too	and work		involved in	
	many patch repairs.	efficiency		some learning	
		and able to		of others (which	
The activities	/01	diagnose common		is a requirement	
identified are	He/She needs to know	problems in the		for Level 5). In	
the <i>familiar</i>	types of defects leading	machine based		his routine	
and routine	to rejections and their	acimic basca		activity he is	

activities in nature and he handles all this independently (with minimal or no supervision).	indicators, reasons and possible solutions	on visual inspection, sound etc Thus he is practically engaged in the production activity.		free from supervision (which is a requirement of level 3).	
Level 4	Level 4	Level 4	Level 4	Level 4	

SECTION 4

EVIDENCE OF RECOGNITION OR PROGRESSION

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?

Occupation Map has been created and attached.

Please attach any documents giving further information about any of the topics above.