

# Model Curriculum

## Open-End Spinning Tenter

**SECTOR: TEXTILE**  
**SUB-SECTOR: SPINNING**  
**OCCUPATION: SPINNING**  
**REF ID: TSC/Q 0203, VERSION 1.0**  
**NSQF LEVEL: 4**



## Certificate

### CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

**TEXTILE SECTOR SKILL COUNCIL**

for the

**MODEL CURRICULUM**

Complying to National Occupational Standards of  
Job Role/ Qualification Pack: 'OPEN END SPINNING TENTER' QP No. 'TSC/ Q 0203' **NSQF Level 4'**

Date of Issuance: **January, 18<sup>th</sup>, 2016**

Valid up to: **January 17<sup>th</sup>, 2017**

\* Valid up to the next review date of the Qualification Pack

  
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# Open-End Spinning Tenter

## CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Open-End Spinning Tenter”, in the “Textile” Sector/Industry and aims at building the following key competencies amongst the learner

<b>Program Name</b>	<b>Open-End Spinning Tenter</b>		
<b>Qualification Pack Name &amp; Reference ID.</b>	Open-End Spinning Tenter TSC/Q0203, version 1.0		
<b>Version No.</b>	1.0	<b>Version Update Date</b>	18-01-2016
<b>Pre-requisites to Training</b>	Preferably equivalent to 5th (Normal literacy of reading, writing and understanding)		
<b>Training Outcomes</b>	<p><b>After completing this programme, participants will be able to:</b></p> <ul style="list-style-type: none"> <li>• Become well verse with taking charge of shift and handing over shift</li> <li>• Learn and perform creeling and piecing activities</li> <li>• Perform doffing activities</li> <li>• Perform cleaning and maintenance activities</li> <li>• Maintain work area, tools and machines</li> <li>• Gain behavioural skill for team working</li> <li>• Maintain health, safety and security at work place</li> <li>• Comply with industry and organisational requirement</li> </ul>		

This course encompasses 8 out of 8 National Occupational Standards (NOS) of “Open-End Spinning Tenter” Qualification Pack issued by “[TSC: Textile Sector Skill Council](#)”

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p><b>Taking charge of shift and handing over shift to operator</b></p> <p><b>Theory Duration</b> (hh:mm) 14:00</p> <p><b>Practical Duration</b> (hh:mm) 29:00</p> <p><b>Corresponding NOS Code</b> TSC/N 0209</p>	<ul style="list-style-type: none"> <li>• Learning general discipline</li> <li>• Become well verse with basic skills of communication</li> <li>• Understand the role of Open-end spinning tenter</li> <li>• Perform tasks while taking charge of shift and handing over shift</li> <li>• Become familiar in faults identification</li> </ul>	<p><u>Class room requirements:</u> a batch of 25 people seating capacity with a screen and projector</p>
2	<p><b>Carryout creeling and piecing activities</b></p> <p><b>Theory Duration</b> (hh:mm) 19:00</p> <p><b>Practical Duration</b> (hh:mm) 45:30</p> <p><b>Corresponding NOS Code</b> TSC/N 0210</p>	<ul style="list-style-type: none"> <li>• Gain knowledge on machine parts &amp; its function</li> <li>• Gain knowledge on control switches and display board operation</li> <li>• starting and stopping machine</li> <li>• Gain knowledge on control buttons and signal lights used for attending malfunctions</li> <li>• Gain knowledge on count, can content, colour coding, etc.</li> <li>• handling full/empty sliver cans (castor &amp; non castor cans)</li> <li>• patrolling and check sliver can exhaust, sliver break and malfunctions</li> <li>• creeling sliver cans/changing cans</li> <li>• piecing sliver ends</li> <li>• cleaning rotor dust</li> <li>• attending yarn breaks</li> </ul>	<p>1.Rotor Cleaning brush/stick to each trainee</p> <p><u>2.Class room requirements:</u> a batch of 25 people seating capacity with a screen and projector</p>
3	<p><b>Carryout doffing activities</b></p> <p><b>Theory Duration</b> (hh:mm) 13:30</p> <p><b>Practical Duration</b> (hh:mm) 29:30</p> <p><b>Corresponding NOS Code</b> TSC/N 0211</p>	<ul style="list-style-type: none"> <li>• Gain knowledge on machine parts &amp; brief its function related to the respective module</li> <li>• keeping empty cheese in magazine</li> <li>• winding starting end on cheese</li> <li>• Gain knowledge on coding and label identification system</li> <li>• Gain knowledge on control buttons and signal lights used for attending doffing</li> <li>• doffing cheese package</li> <li>• checking cheese weight</li> <li>• knowing Waste control activities</li> </ul>	<p><u>1.Common for every batch:</u> Cheese trolley, weighing balance</p> <p><u>2.Class room requirements:</u> a batch of 25 people seating capacity with a screen and projector</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
4	<p><b>Carryout cleaning and maintenance activities</b></p> <p><b>Theory Duration</b> (hh:mm) 13:00</p> <p><b>Practical Duration</b> (hh:mm) 30:00</p> <p><b>Corresponding NOS Code</b> TSC/N 0212</p>	<ul style="list-style-type: none"> <li>knowing the Importance of cleaning and maintenance</li> <li>knowing the Responsible items for sider in OE machine in cleaning and maintenance</li> <li>knowing Procedure and tools used for cleaning and maintenance</li> <li>removing suction waste from machine</li> <li>cleaning rotor dust</li> <li>cleaning drum lapping</li> <li>cleaning machine with compressed air</li> </ul>	<p><u>1. A sample of following items for each trainee:</u> Drum lapping cleaning hook, cleaning brush,</p> <p><u>2. common for every batch:</u> air hose</p>
5	<p><b>Maintain work area, tools and machines</b></p> <p><b>Theory Duration</b> (hh:mm) 06:30</p> <p><b>Practical Duration</b> (hh:mm) 14:30</p> <p><b>Corresponding NOS Code</b> TSC/N 9001</p>	<ul style="list-style-type: none"> <li>Gain knowledge on Housekeeping system</li> <li>Well verse in Identification of basic hand tools like cleaning hook, cleaning stick, bag, etc.</li> <li>handling equipment</li> <li>perform Maintenance activities for handling equipment</li> </ul>	<p><u>Class room requirements:</u> 25 people seating capacity with a screen and projector</p>
6	<p><b>Working in a team</b></p> <p><b>Theory Duration</b> (hh:mm) 07:00</p> <p><b>Practical Duration</b> (hh:mm) 14:30</p> <p><b>Corresponding NOS Code</b> TSC/N 9002</p>	<ul style="list-style-type: none"> <li>Understanding the team work and its importance</li> <li>Knowing the basic requirements for team working</li> </ul>	<p><u>Class room requirements:</u> 25 people seating capacity with a screen and projector</p>
7	<p><b>Maintain health, safety and security at work place</b></p> <p><b>Theory Duration</b> (hh:mm) 19:00</p> <p><b>Practical Duration</b> (hh:mm) 23:50</p>	<ul style="list-style-type: none"> <li>Knowing the general safety Rules</li> <li>Knowing the importance of personal protective equipment like apron, cap, earplugs, nose mask etc. and their application under different working conditions.</li> <li>Gain knowledge on various health hazards relevant to workplace and basic first aid training.</li> </ul>	<p><u>1. A sample of following items for each trainee:</u> apron, head cap, nose mask, ear plug, shoe,</p> <p><u>2. common for every batch:</u> first aid materials, fire extinguisher, work method posters/pictures,</p> <p><u>3. Class room requirements:</u> 25 people seating capacity with a screen and projector</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<b>Corresponding NOS Code</b> TSC/N 9003	<ul style="list-style-type: none"> <li>Identify and select right equipment such as fire extinguisher &amp; based on type of fire.</li> <li>Become good practice on first aid, firefighting etc.</li> </ul>	
8	<b>Comply with industry and organisational requirement</b>  <b>Theory Duration</b> (hh:mm) 08:00  <b>Practical Duration</b> (hh:mm) 13:30  <b>Corresponding NOS Code</b> TSC/N 9004	<ul style="list-style-type: none"> <li>Know about organizational and industry standards</li> <li>Know the requirements for self-development</li> <li>Gain knowledge on Organizational &amp; Industry standards</li> </ul>	<b>Class room requirements:</b> 25 people seating capacity with a screen and projector
	<b>Total Duration:</b>  <b>Theory Duration</b> <b>100:00</b>  <b>Practical Duration</b> <b>200:00</b>	<b>Unique Equipment Required:</b> Apron, head cap, nose mask, earplug, shoe, rotor cleaning brush, cheese trolley, pen/pencil, lapping cleaning hook, cleaning brush and hip bag.	

**Grand Total Course Duration: 300 Hours, 0 Minutes**

*(This syllabus/ curriculum has been approved by TSC: Textile Sector Skill Council)*

## Trainer Prerequisites for Job role: “Open-End Spinning Tenter” mapped to Qualification Pack: “Open-End Spinning Tenter /TSC Q 0203, Version 1.0”

Sr. No.	Area	Details
1	<b>Description</b>	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “ <u>Open-end Spinning Tenter/TSC Q0203, Version 1.0</u> ”.
2	<b>Personal Attributes</b>	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	<b>Minimum Educational Qualifications</b>	Preferably equivalent to 5th (Normal literacy of reading, writing and understanding)
4a	<b>Domain Certification</b>	Certified for Job Role: “ <u>Open-end Spinning Tenter</u> ” mapped to QP: “ <u>Open-end Spinning Tenter/TSC Q0203, Version 1.0</u> ”. Minimum accepted score 80%.
4b	<b>Platform Certification</b>	Required that the Trainer is certified for SSC/Q 1402 Job Role: “Trainer” with at least 80% score
5	<b>Experience</b>	Minimum 5 years experience with Open-end Spinning Tenter



## Annexure: Assessment Criteria

<b>Assessment Criteria for Open End Spinning Tenter</b>	
<b>Job Role</b>	<b>Open End Spinning Tenter</b>
<b>Qualification Pack</b>	<b>Open End Spinning Tenter (TSC/ Q0203)</b>
<b>Sector Skill Council</b>	<b>Textile Sector Skill Council</b>

Sr. 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 & skill practical for each PC.
2	The assessment for the theory part will be based on knowledge bank of question 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 these criteria.
5	To pass the qualification pack, every trainee should score a minimum of 70%.
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.

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
1. TSC/N0209 (Taking charge of shift and handing over shift to Open-End Spinning Tenter)	PC1.Come at least 10 - 15 minutes earlier to the work spot	100	3	1	1	1
	PC2. Bring the necessary operational tools to the		4	1	2	1
	PC3. Meet the previous shift operator and discuss with him/ her regarding the issues faced by them with respect to the quality or production or spare or safety or any other specific		5	2	1	2
	PC4.Understand the count produced, color coding, followed in the open end spinning s for his allocated number of spindles or machines		5	2	1	2
	PC5.Ensure the technical details are mentioned in the display board in the open end spinning machine		4	2	1	1
	PC6.Check for the availability of the carded or drawing sliver for creeling		4	1	2	1
	PC7.Check the availability of sliver cans with technical details mentioned regarding the hank / count being		3	1	1	1
	PC8.Check the yarn passage and OE yarn formation is		4	1	2	1
	PC9.CHECK for the run outs , availability of sliver cans ensure all the rotors and drums are working properly, if not should be enquired for the reason for idling and report to the superiors regarding the same		3	1	1	1
	PC10. Check the condition of different running rotors and winding drums		4	1	2	1
	PC11.Ensure proper functioning of OE machine parts and machine		3	1	1	1
	PC12. Ensure all allocated drums / rotors are running with uniform length of yarn is wound on cone, variations if any should be discussed with operator and reported to superiors		4	1	2	1
	PC13. Check the condition of running winding drums, damages if any should be reported		4	1	2	1
	PC14. Check the cleanliness of the machines & other work areas		3	1	1	1
	PC15. Check whether any spare/raw material/ tool / yarn / any other material are thrown under the machines or in the other work areas.		3	1	1	1
	PC16. Ensure the wastes collection boxes are empty while taking charge of shift		4	1	2	1
	PC17. Ensure the work spot is clean		3	1	1	1
	PC18. Ensure the OHTC is working properly		3	1	1	1
	PC19. Question the previous shift operator for any deviation in the above and should bring the same to the knowledge of his/ her shift superior as well that of the previous shift as well		4	1	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC20. Hand over the shift to the incoming OE tender in a proper manner		4	1	1	2
	PC21. Ensure in providing the details regarding count produced, color coding followed in the OE for his allocated number of spindles or machines		3	1	1	1
	PC22. Provide all relevant information regarding the count produced, idle drums, damaged machine parts if any		3	1	1	1
	PC23. Get clearance from the incoming counterpart before leaving the work spot		3	1	1	1
	PC24. Report to his/ her shift superiors as well as that of the incoming shift operator in case his/ her counterpart doesn't report for the incoming shift		5	2	1	2
	PC25. Ensure the shift has to be properly handed over to the incoming shift operator		3	1	1	1
	PC26. Report to his/ her shift superior about the quality / production / safety issues/ any other issue faced in his/ her shift and should leave the department only after getting concurrence for the same from his/ her superiors		3	1	1	1
	PC27. Collect the wastes from waste collection bags, weigh them and transport to storage area		3	1	1	1
	PC28. Ensure the work spot is clean		3	1	1	1
	<b>Total</b>		<b>100</b>	<b>32</b>	<b>36</b>	<b>32</b>
	<b>Weightage %</b>			<b>32</b>	<b>36</b>	<b>32</b>
<b>2. TSC/N 0210 (Carrying out creeling and piecing activities in Open- End Spinning)</b>	PC1. Understanding the mixings, hanks and the color codification used	<b>150</b>	4	1	2	1
	PC2. Bring the sliver cans from storage area		3	1	1	1
	PC3. Ensure correct color coded sliver cans are taken to OE section for creeling		3	1	1	1
	PC4. Identify sliver exhausts and removing the empty sliver cans		4	1	2	1
	PC5. Ensure minimum time is taken for attending the sliver exhaust or can change		4	1	2	1
	PC6. Ensure the correct hank of slivers cans are taken for creeling to OE department		4	1	2	1
	PC7. Follow proper color coding of sliver cans		3	1	1	1
	PC8. Creel the required number of cans in an organized		4	1	2	1
	PC9. Ensure proper feeding of sliver into the rotors		4	1	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC10. Feed the slivers to the rotors		5	2	2	1
	PC11. Ensure the slivers are passed through rotors and yarns are taken out through guides and stop motions		4	1	2	1
	PC12. Ensure proper material handling of slivers and sliver		3	1	1	1
	PC13. Patrol in the OE machine work area and identify the sliver breakage by viewing in the signal lamps provided at each rotors		4	1	2	1
	PC14. Identify the reason for stoppage		3	1	1	1
	PC15. Ensure minimum time is taken for attending the		4	1	2	1
	PC16. Ensure the slivers cans are properly and uniformly placed in the creel zone and proper distance to avoid mix up		3	1	1	1
	PC17. Ensure that the sliver passes to through the rotors without affecting the quality of sliver		4	1	2	1
	PC18. Ensure proper length of sliver is available from sliver can to rotor tip		4	1	2	1
	PC19. Feed the sliver end to the rotor		4	1	2	1
	PC20. Piece the sliver between cans in the event of sliver exhaust in sliver can and replacement with a full can		5	2	2	1
	PC21. Ensure standard procedure is adopted for feeding the sliver in rotors standards		4	1	2	1
	PC22. Ensure minimum time is taken for piecing the sliver		3	1	1	1
	PC23. Keep the sliver waste in the respective waste collection box		3	1	1	1
	PC24. Segregate the reusable wastes and weigh and record them in a register		4	1	2	1
	PC25. Ensure safety and cleanliness at work place		4	1	2	1
	PC26. Patrol around the machine to ensure proper production of OE yarn		3	1	1	1
	PC27. Ensure minimum time is taken for attending the		3	1	1	1
	PC28. Feed the sliver in the rotors		4	1	2	1
	PC29. Take the cheese package and identify defects if any		4	1	2	1
	PC30. Remove defects in the cheese package if any		4	1	2	1
	PC31. Lift the cheese package from the winding drum		3	1	1	1
	PC32. Unwind the broken yarn end from the cheese to the rotor section and start new yarn formation		4	1	2	1
	PC33. Ensure the yarn is formed with required twist		3	1	1	1
	PC34. Ensure proper material handling of sliver, cheese and yarn		4	1	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC35. To ensure proper procedure for piecing the yarn		4	1	2	1
	PC36. While processing knotless yarn broken ends to be overlapped on the cone/cheese as instructed		4	1	2	1
	PC37. Ensure proper material handling of cheese and cone package		3	1	1	1
	PC38. Ensure proper yarn passage & tension variation position post knotting		3	1	1	1
	PC39. Ensure proper procedure for operating material handling tools and piecing equipment		3	1	1	1
	PC40. Ensure safety while carrying out creeling and piecing activities		4	1	2	1
	PC41. Ensure cleanliness at work place		3	1	1	1
	<b>Total</b>		<b>150</b>	<b>43</b>	<b>66</b>	<b>41</b>
	<b>Weightage %</b>			<b>29</b>	<b>44</b>	<b>27</b>
<b>3. TSC/N 0211 Carryout doffing activities in Open- End Spinning )</b>	PC1. Follow the plan as instructed by superior for performing doffing activities at various machines in OE department	<b>100</b>	5	1	1	3
	PC2. Identify which machine is ready for doffing		5	2	2	1
	PC3. Ensure minimum time is taken for identifying the machine to carryout doffing activity		4	1	2	1
	PC4. Ensure in confirming the machine with the superiors for carrying out doffing activity		4	1	2	1
	PC5. Check the cheese package is fully would to the predetermined length or weight and start doffing		4	1	2	1
	PC6. Remove full cheese package from cone holder		6	2	3	1
	PC7. Keep doffed cheese package in the peg trolley		5	1	3	1
	PC8. Either stop the machine for doffing or doff the cone package while the machine is running as per the instructions of the supervisor		6	2	3	1
	PC9. Ensure proper procedure is adopted for doffing the cheese package		5	2	2	1
	PC10. Ensure proper material handling of cheese package		4	1	2	1
	PC11. Ensure safety while carrying out doffing activity		5	2	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC12. Weigh the cheese package and ensure the required weight have been achieved		4	1	2	1
	PC13. Fix the cheese in the cheese holder and run it again till the cheese reaches the predetermined weight as instructed by superiors		5	2	2	1
	PC14. Place the cheese in the cheese trolley and store in the storage area as instructed		4	1	2	1
	PC15. To reserve the empty paper cheese in the reserve area for doffing		4	1	2	1
	PC16. After doffing insert the empty cheese		5	1	3	1
	PC17. Ensure strictly proper color coded empty paper cone is mounted in holder		4	1	2	1
	PC18. Count change and do the necessary changes and follow the instructions of the superiors		5	2	2	1
	PC19. Ensure the proper passage of yarn in OE machine		5	2	2	1
	PC20. Ensure all the rotors are running and piece the ends after machine is restarted		6	2	3	1
	PC21. Remove all the wastes and store it count wise in the waste collection box		5	2	2	1
	<b>Total</b>		<b>100</b>	<b>31</b>	<b>46</b>	<b>23</b>
	<b>Weight age %</b>			<b>31</b>	<b>46</b>	<b>23</b>

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viv a
<b>4. TSC/N 0212 (Carryout cleaning and maintenance activities in Open-End Spinning)</b>	PC1. Schedule the cleaning and maintenance activities	<b>100</b>	4	1	1	2
	PC2. Carry out cleaning and maintenance activities		4	1	2	1
	PC3. Clean the creeling area		3	1	1	1
	PC4. Ensure cleanliness in the yarn passage		3	1	1	1
	PC5. Clean the rotor at regular intervals		3	1	1	1
	PC6. Failure of stop motion, breakdown should be reported to superiors immediately		3	1	1	1
	PC7. Ensure proper cleaning of different mechanisms in OE machine		3	1	1	1
	PC8. Deposit the sliver wastes yarn waste in the waste collection pocket provided to each tenter and finally depositing in the waste collection box		3	1	1	1
	PC9. Remove the cleaned wastes and store in separate area		4	1	2	1
	PC10. Clean the alley around the OE machine using proper cleaning equipment		3	1	1	1
	PC11. Ensure the wastes collected from different parts of machine are deposited in the respective dustbins		4	1	2	1
	PC12. Ensure the OE department is neat and clean		3	1	1	1
	PC13. Ensure proper functioning of machine		4	1	2	1
	PC14. Check and verify the quality of different machine parts		3	1	1	1
	PC15. Ensure taking care of yarn passage, rotors, guides, winding drums		4	1	2	1
	PC16. Support fitter in removing the worn out parts and replace with new parts in OE machine		4	1	2	1
	PC17. Oil the different parts of OE machine on need basis		3	1	1	1
	PC18. Check OHTC air blowing		2	1	1	0

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC19. Check bottom apron ,top apron, spacer		3	1	1	1
	PC20. Notice damaged bobbins and refuse		3	1	1	1
	PC21. Report to the supervisor and maintenance fitter if any problems noticed in smooth functioning of machine		4	1	2	1
	PC22. Ensure the OHTC is working.		2	1	1	0
	PC23. Carry out preventive maintenance activities at the specified intervals		3	1	1	1
	PC24. When there is any count change check the count board, cheese color, cone tip color end other given instructions		4	1	2	1
	PC25. Record the production details in the production report		3	1	1	1
	PC26. Report to the supervisor in case of emergency stoppage of machine		4	1	1	2
	PC27. Report to the supervisor and maintenance in charge if the operator was able to replace the worn out machine part with a new one.		4	1	1	2
	PC28. Support the maintenance team while machine is under maintenance		3	1	1	1
	PC29. Ensure all details related to production are provided the next shift operator while relieving		4	1	2	1
	PC30. ensure count wise storage of damaged cheese in a separate area		3	1	1	1
	<b>Total</b>		<b>100</b>	<b>30</b>	<b>39</b>	<b>31</b>
	<b>Weight age %</b>			<b>30</b>	<b>39</b>	<b>31</b>



National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Marks Allocation			
			Out Of	Theory	Skills Practical	Viva
<b>5. TSC/N9001 (Maintain work area, tools and machines)</b>	PC1. handle materials, machinery, equipment and tools with care and use them in the correct way	<b>50</b>	4	1	2	1
	PC2. use correct lifting and handling procedures		4	1	2	1
	PC3. use materials to minimize waste		3	1	1	1
	PC4. maintain a clean and hazard free working area		3	1	1	1
	PC5. maintain tools and equipment		4	2	1	1
	PC6. carry out running maintenance within agreed schedules		4	1	2	1
	PC7. carry out maintenance and/or cleaning within one's responsibility		4	1	2	1
	PC8. report unsafe equipment and other dangerous occurrences		4	1	2	1
	PC9. ensure that the correct machine guards are in place		3	1	1	1
	PC10. work in a comfortable position with the correct posture		3	1	1	1
	PC11. use cleaning equipment and methods appropriate for the work to be carried out		3	1	1	1
	PC12. dispose of waste safely in the designated location		4	1	2	1
	PC13. store cleaning equipment safely after use		3	1	1	1
	PC14. carry out cleaning according to schedules and limits of responsibility		4	1	2	1
	<b>Total</b>			<b>50</b>	<b>15</b>	<b>21</b>
<b>Weightage %</b>			<b>30</b>	<b>42</b>	<b>28</b>	
<b>6.TSC/N9002 (Working in a team)</b>	PC1. be accountable to the own role in whole process	<b>50</b>	4	2	1	1
	PC2. perform all roles with full responsibility		5	2	1	2
	PC3. be effective and efficient at workplace		4	1	2	1
	PC4. properly communicate about company policies		4	1	1	2
	PC5. report all problems faced during the process		4	1	1	2

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Marks Allocation			
			Out Of	Theory	Skills Practical	Viva
	PC6. talk politely with other team members and colleagues		4	1	1	2
	PC7. submit daily report of own performance		5	2	2	1
	PC8. adjust in different work situations		4	2	1	1
	PC9. give due importance to others' point of view		4	1	2	1
	PC10. avoid conflicting situations		4	1	1	2
	PC11. develop new ideas for work procedures		4	1	2	1
	PC12. improve upon the existing techniques to increase process efficiency		4	1	2	1
	<b>Total</b>		<b>50</b>	<b>16</b>	<b>17</b>	<b>17</b>
	<b>Weightage %</b>			<b>32</b>	<b>34</b>	<b>34</b>
<b>7.TSC/N9003 (Maintain health, safety and security at work place)</b>	PC1. comply with health and safety related instructions applicable to the workplace	<b>100</b>	5	2	2	1
	PC2. use and maintain personal protective equipment such as “ ear plug” “ nose mask “ “head cap” etc., as per protocol		5	2	2	1
	PC3. carry out own activities in line with approved guidelines and procedures		4	2	1	1
	PC4. maintain a healthy lifestyle and guard against dependency on intoxicants		4	2	1	1
	PC5. follow environment management system related procedures		4	2	1	1
	PC6. identify and correct (if possible) malfunctions in machinery and equipment		5	2	2	1
	PC7. report any service malfunctions that cannot be rectified		4	2	1	1
	PC8. store materials and equipment in line with organizational requirements		4	1	2	1
	PC9. safely handle and remove waste		4	1	2	1
	PC10. minimize health and safety risks to self and others due to own actions		5	2	2	1
	PC11. seek clarifications, from supervisors or other authorized personnel in case of perceived risks		4	2	0	2
	PC12. monitor the workplace and work processes for potential risks and threat		5	2	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Marks Allocation			
			Out Of	Theory	Skills Practical	Viva
	PC13. carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned		5	2	2	1
	PC14. report hazards and potential risks/ threats to supervisors or other authorized personnel		4	1	2	1
	PC15. participate in mock drills/ evacuation procedures organized at the workplace		4	2	2	0
	PC16. undertake first aid, fire-fighting and emergency response training, if asked to do so		5	2	2	1
	PC17. take action based on instructions in the event of fire, emergencies or accidents		5	2	2	1
	PC18. follow organization procedures for shutdown and evacuation when required		4	2	1	1
	PC19. identify different kinds of possible hazards (environmental, personal, ergonomic, chemical) of the industry		4	2	1	1
	PC20. recognize other possible security issues existing in the workplace		4	2	1	1
	PC21. recognize different measures to curb the hazards		4	2	1	1
	PC22. communicate the safety plan to everyone		4	2	1	1
	PC23. attach disciplinary rules with the implementation		4	2	1	1
	<b>Total</b>		<b>100</b>	<b>43</b>	<b>34</b>	<b>23</b>
	<b>Weightage %</b>			<b>43</b>	<b>34</b>	<b>23</b>
<b>8.TSC/N9004 (Comply with industry and organizational requirement)</b>	PC1. perform own duties effectively	<b>50</b>	4	1	2	1
	PC2. take responsibility for own actions		4	1	2	1
	PC3. be accountable towards the job role and assigned duties		4	2	1	1
	PC4. take initiative and innovate the existing methods		3	1	1	1
	PC5. focus on self-learning and improvement		4	1	2	1
	PC6. co-ordinate with all the team members and colleagues		4	1	2	1
	PC7. communicate politely		4	1	1	2
	PC8. avoid conflicts and miscommunication		4	1	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Marks Allocation			
			Out Of	Theory	Skills Practical	Viva
	PC9. know the organizational standards		4	2	1	1
	PC10. implement them in your performance		4	1	2	1
	PC11. motivate others to follow them		3	1	1	1
	PC12. know the industry standards		4	3	1	0
	PC13. align them with organization standards		4	2	1	1
	<b>Total</b>		<b>50</b>	<b>18</b>	<b>19</b>	<b>13</b>
	<b>Weightage %</b>			<b>36</b>	<b>38</b>	<b>26</b>
	<b>Grand total</b>		<b>700</b>	<b>228</b>	<b>278</b>	<b>194</b>



### **Textile Sector Skill Council**

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