

# Model Curriculum

## Draw Frame Operator

**SECTOR: TEXTILE**  
**SUB-SECTOR: SPINNING**  
**OCCUPATION: SPINNING**  
**REF ID: TSC/Q 0105, 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

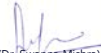
**MODEL CURRICULUM**

Complying to National Occupational Standards of  
Job Role/Qualification Pack: 'DRAWFRAME OPERATOR' QP No. 'TSC/Q 0105' **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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# Draw Frame Operator

## CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Draw Frame Operator”, in the “Textile” Sector/Industry and aims at building the following key competencies amongst the learner

<b>Program Name</b>	<b>Draw Frame Operator</b>		
<b>Qualification Pack Name &amp; Reference ID.</b>	Draw Frame Operator TSC/Q0105, version 1.0		
<b>Version No.</b>	1.0	<b>Version Update Date</b>	30-12-2015
<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 operate draw frame machine</li> <li>• Perform creeling, piecing and doffing 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 7 out of 7 National Occupational Standards (NOS) of “Draw Frame Operator” 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) 29:30</p> <p><b>Corresponding NOS Code</b> TSC/N 0113</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 Drawing operator</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>Operating the draw frame machine</b></p> <p><b>Theory Duration</b> (hh:mm) 29:30</p> <p><b>Practical Duration</b> (hh:mm) 57:00</p> <p><b>Corresponding NOS Code</b> TSC/N 0114</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, inching and stopping machine</li> <li>• Gain knowledge on control buttons and signal lights used for attending malfunctions and doffing</li> <li>• Knowing procedures to be followed to open/close doors, dismantle/assemble parts, etc.</li> </ul>	<p><u>1. common for every batch:</u> poster/video visuals on work methods</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 creeling, piecing and doffing activities</b></p> <p><b>Theory Duration</b> (hh:mm) 18:00</p> <p><b>Practical Duration</b> (hh:mm) 46:00</p> <p><b>Corresponding NOS Code</b> TSC/N 0115</p>	<ul style="list-style-type: none"> <li>• Gain knowledge on machine parts &amp; its function related to the respective module</li> <li>• Gain knowledge on count, can content, colour coding, etc.</li> <li>• Knowing procedure for handle full/empty sliver cans (castor &amp; non castor cans)</li> <li>• Knowing procedure for patrolling and check sliver can exhaust, sliver break and malfunctions</li> <li>• piecing sliver ends</li> <li>• attending sliver break at creel and delivery zone</li> <li>• creeling sliver cans/changing cans</li> <li>• gain skill with quality of piecing</li> <li>• attending can doffing</li> <li>• knowing post doffing responsibilities</li> <li>• Gain knowledge on Waste control activities</li> </ul>	<p><u>1. common for every batch:</u> poster/video visuals for work method</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>Maintain work area, tools and machines</b></p> <p><b>Theory Duration</b> (hh:mm) 06:00</p> <p><b>Practical Duration</b> (hh:mm) 15:00</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>Knowing the Procedure for handling equipment</li> <li>Perform maintenance activities for handling equipment</li> </ul>	<p><u>Class room requirements:</u> a batch of 25 people seating capacity with a screen and projector</p>
5	<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) 14:00</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> a batch of 25 people seating capacity with a screen and projector</p>
6	<p><b>Maintain health, safety and security at work place</b></p> <p><b>Theory Duration</b> (hh:mm) 18:00</p> <p><b>Practical Duration</b> (hh:mm) 24:30</p> <p><b>Corresponding NOS Code</b> TSC/N 9003</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> <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>	<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>
7	<p><b>Comply with industry and organisational requirement</b></p> <p><b>Theory Duration</b> (hh:mm) 07:30</p>	<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>	<p><u>Class room requirements:</u> 25 people seating capacity with a screen and projector</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<b>Practical Duration</b> (hh:mm) 14:00  <b>Corresponding NOS Code</b> TSC/N 9004		
	<b>Total Duration:</b>  <b>Theory Duration</b> 100:00  <b>Practical Duration</b> 200:00	<b>Unique Equipment Required:</b> Apron, head cap, nose mask, earplug, shoe, cleaning brush, sweep stick, pen/pencil, lapping cleaning hook, and hip bag.	

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

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

## Trainer Prerequisites for Job role: “Drawing Operator” mapped to Qualification Pack: “Drawing Operator/TQ 0105, 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>Drawing Operator/TQ0105, 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>Drawing Operator</u> ” mapped to QP: “ <u>Drawing Operator/TQ0105, Version 1.0</u> ”. Minimum accepted score 85%.
4b	<b>Platform Certification</b>	Required that the Trainer is certified for SSC/Q 1402 Job Role: “Trainer” with atleast 85% score
5	<b>Experience</b>	Minimum 2years experience with Drawing Operator



## Annexure: Assessment Criteria

<b>Assessment Criteria for Draw frame Operator</b>	
<b>Job Role</b>	<b>Draw frame Operator</b>
<b>Qualification Pack</b>	<b>Draw frame Operator (QP TSC/Q 0105)</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 75%.
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
<b>1. TSC/N 0113 (Taking charge of shift and handing over shift to Drawframe Operator )</b>	PC1. come at least 10 - 15 minutes earlier to the work spot	<b>100</b>	3	1	1	1
	PC2. bring the necessary operational tools to the department		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 instruction etc.		5	2	1	2
	PC4. understand the count produced, color coding, followed in the drawframe for his allocated number of machines		5	2	1	2
	PC5. ensure the technical details are mentioned in the display board in the drawframe machine		4	2	1	1
	PC6. check for the availability of the spare sliver cans for creeling		4	1	2	1
	PC7. check the sliver passage and drawn sliver formation is proper		4	1	2	1
	PC8. check the condition of different running sliver cans		5	2	2	1
	PC9. ensure proper functioning of drawframe machine parts and machine		4	1	2	1
	PC10. check the condition of running machines, damages if any should be reported		4	1	2	1
	PC11. check the cleanliness of the machines & other work areas		4	2	1	1
	PC12. Check whether any spare/raw material/ tool / yarn / any other material are thrown under the machines or in the other work areas.		4	1	2	1
	PC13. 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
	PC14. ensure no roller lapping in drawframe		3	1	1	1
	PC15. remove the roller lapping manually if any without damaging the cots		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

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC18. hand over the shift to the incoming shift operator in a proper manner		5	2	1	2
	PC19. ensure in providing the details regarding count produced, color coding followed in the drawframe for his allocated number of machines		4	1	2	1
	PC20. provide all relevant information regarding the count produced, damaged machine parts if any		4	1	1	2
	PC21. get clearance from the incoming counterpart before leaving the work spot		3	1	1	1
	PC22. 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		3	1	1	1
	PC23. ensure the shift has to be properly handed over to the incoming shift operator		3	1	1	1
	PC24. 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		5	2	1	2
	PC25. collect the wastes from waste collection bags, weigh them and transport to storage area		3	1	1	1
	PC26. ensure the work spot is clean		3	1	1	1
	<b>Total</b>		<b>100</b>	<b>33</b>	<b>36</b>	<b>31</b>
	<b>Weightage %</b>			<b>33</b>	<b>36</b>	<b>31</b>
<b>2. TSC/N 0114 (Operating the drawframe machine )</b>	PC1. start the machine	<b>200</b>	5	2	1	2
	PC2. operate the control switches for starting and stopping the drawframe		5	2	1	2
	PC3. follow the different signal lamps used in machines		4	1	2	1
	PC4. ensure proper functioning of machine by verifying in the display panel		4	1	2	1
	PC5. check whether the sliver fed in the creel in drawing machine		4	2	1	1
	PC6. piece the sliver during breakage		5	2	3	0
	PC7. doff the full sliver can		5	2	3	0
	PC8. view the display panel and identify the reasons for machine stoppages if any		4	2	1	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC9. ensure the drawframe is running in the set speed by viewing the display panel		5	2	2	1
	PC10. ensure the working area is clean		4	1	2	1
	PC11. ensure proper functioning of machine		4	1	2	1
	PC12. ensure the sliver produced is free from surface damages		4	1	2	1
	PC13. clean the wastes around the machine		5	2	2	1
	PC14. segregate the wastes collected and deposit at the waste bins		5	2	2	1
	PC15. remove the defect in slivers		5	2	2	1
	PC16. support the mechanic while carryout cleaning maintenance activities		5	2	2	1
	PC17. use proper tools for cleaning		5	2	2	1
	PC18. carryout cleaning activities in creeling zone, drafting zone, and delivery zone		4	1	2	1
	PC19. clean the drafting zone twice a shift and remove cotton sticking in the rollers, bearings etc.		5	2	2	1
	PC20. remove the pneumafil waste periodically and check for any good cotton in the waste		5	2	2	1
	PC21. ensure safety while carrying out cleaning		4	1	2	1
	PC22. ensure the wastes collected are deposited in the respective waste box		5	2	2	1
	PC23. ensure drawing area is clean		3	1	1	1
	PC24. ensure the sliver is uniformly reeled and fed		4	1	2	1
	PC25. support the fitter for carrying out maintenance activities		4	2	2	0
	PC26. Ensure the draft variation on CV% is within the limits and if it's abnormal report it to superiors.		4	2	1	1
	PC27. interchange top cots as per the schedule displayed in the machine		4	1	2	1
	PC28. attend roller lapping, chocking of sliver and ensure minimum waste		5	2	2	1
	PC29. carry out wheel changes/ count changes as per supervisor's/shift officer's instructions		5	2	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC30. ensure proper functioning of auto leveller in drawframe		4	1	2	1
	PC31. ensure roller lapping doesn't happen frequently		3	1	1	1
	PC32. release the pressure on top rollers when the machine is to be stopped for longer duration		3	1	1	1
	PC33. Inform superiors immediately if the sliver monitor alarm occurs in the machine.		4	1	2	1
	PC34. inform the supervisor and maintenance in charge in case of a jam		5	2	2	1
	PC35. report to the superiors and support him for carrying out maintenance activities in case of any break-downs,		4	1	2	1
	PC36. support the fitter during minor breakdown		4	1	2	1
	PC37. ensure proper material handling of sliver, sliver can and empty can		5	2	2	1
	PC38. ensure using proper material handling of tools and equipment		4	1	2	1
	PC39. ensure safety while operating the drawframe machine		5	2	2	1
	PC40. ensure safety while using gadgets like caps, masks and shoes and verifying the safety stop motions		4	1	2	1
	PC41. ensure the sliver produced is free from outside damages		4	1	2	1
	PC42. inform superiors immediately, if any break down or fault in the machine is noticed		5	2	1	2
	PC43. ensure the proper functioning of signal lamps		3	1	1	1
	PC44. ensure that machine is working properly, if any deviations inform superiors immediately		4	1	1	2
	PC45. collect the reusable wastes and weigh them at shift end and place them in specified area		4	1	2	1
	PC46. provide all relevant information's of the current working process to the next shift operator before relieving		5	2	0	3
	<b>Total</b>		<b>200</b>	<b>70</b>	<b>81</b>	<b>49</b>
	<b>Weightage %</b>			<b>35</b>	<b>40</b>	<b>25</b>

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
<b>3. TSC/N 0115 (Carryout creeling, piecing and doffing activities at drawframe)</b>	PC1. understand the mixings, hanks and the color codification used	<b>150</b>	5	1	1	3
	PC2. ensure the correct hank of slivers cans are taken for creeling		5	1	2	2
	PC3. following proper color coding of sliver cans		3	1	1	1
	PC4. creeling the required number of cans and drawing the sliver forward		4	1	2	1
	PC5. ensure proper creeling procedure is followed for creeling the slivers		4	1	2	1
	PC6. Ensure the slivers are passed through all guide rollers and stop motions.		5	2	2	1
	PC7. ensure proper material handling of slivers and sliver cans		4	1	2	1
	PC8. identify whether the machine stoppage by viewing the signal lamps and in display panel		3	1	1	1
	PC9. identify the reasons for machine stoppage		4	1	2	1
	PC10. ensure minimum time is taken for attending the sliver breakage		4	1	2	1
	PC11. open the calendaring zone		3	1	1	1
	PC12. collect and condense through the calendaring rollers and trumpet for sliver formation		4	1	2	1
	PC14. draw the sliver through the conveyor rollers and pass it through the coiler rollers in delivery zone into the sliver can		5	2	2	1
	PC15. ensure proper functioning of machine post piecing		4	1	2	1
	PC16. collect the wastes collected during piecing and store the waste at respective waste box		4	1	2	1
	PC17. segregate the reusable wastes and weigh and record them in a register		4	1	2	1
	PC18. transfer the reusable wastes to drawframe/ storage area		4	1	2	1
	PC19. ensure standard piecing procedure is adopted and quality of piecing is as per standards		5	2	2	1
	PC20. ensure minimum time is taken for piecing the sliver		5	2	2	1
	PC21. ensure safety while carrying out piecing activity		4	1	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC22. verify the quality of piecing done in the sliver		5	2	2	1
	PC23. ensure sliver tension in the creeling section is appropriate		5	2	2	1
	PC24. ensure proper functioning of the machine		4	1	2	1
	PC25. collect the empty cans from combing preparatory or carding department for feeding the empty cans		4	1	2	1
	PC26. keep the can castors clean before feeding		3	1	1	1
	PC27. to ensure whether the sliver can is ready for doffing by viewing the details in display panel		4	1	2	1
	PC28. keep the required number of empty cans near doff zone for automatic can change		5	2	2	1
	PC29. keep the empty sliver can near the doffing machine in manual doffing		5	2	2	1
	PC30. doff the full sliver can in case of manual doffing		4	1	2	1
	PC31. ensure proper doffing procedure is followed		4	1	2	1
	PC32. ensure doffing is carried out properly in auto doffing		4	1	2	1
	PC33. move the sliver can produced to storage area		3	1	1	1
	PC34. ensure proper functioning of drawframe post doffing		5	2	2	1
	PC35. ensure proper material handling of sliver, sliver can and empty can		4	1	2	1
	PC36. ensure proper material handling of tools and equipment		4	1	2	1
	PC37. care has to be taken during count change to avoid mix up of sliver/ cans		4	1	2	1
	<b>Total</b>		<b>150</b>	<b>45</b>	<b>66</b>	<b>39</b>
	<b>Weightage %</b>			<b>30</b>	<b>44</b>	<b>26</b>
<b>4.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

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation			
				Theory	Skills Practical	Viva	
	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>14</b>
	<b>Weightage %</b>				<b>30</b>	<b>42</b>	<b>28</b>
<b>5.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		4	2	1	1	
	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	
	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		3	1	1	1	
	PC9. give due importance to others' point of view		3	1	1	1	
	PC10. avoid conflicting situations		3	1	1	1	
	PC11. collaborate with colleagues performing the pre-required and post-required duty of ring frame tenter		4	2	1	1	
	PC12. develop new ideas for work procedures		4	1	2	1	



National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC13. improve upon the existing techniques to increase process efficiency		4	1	2	1
	<b>Total</b>		<b>50</b>	<b>17</b>	<b>17</b>	<b>16</b>
	<b>Weightage %</b>			<b>34</b>	<b>34</b>	<b>32</b>
<b>6.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
	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

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	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>Weightage %</b>			<b>43</b>	<b>34</b>	<b>23</b>	
<b>7.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
	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>Weightage %</b>			<b>36</b>	<b>38</b>	<b>26</b>	
<b>Total</b>			<b>700</b>	<b>241</b>	<b>274</b>	<b>185</b>
<b>Grand Total</b>			<b>700</b>			



### **Textile Sector Skill Council**

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