

Model Curriculum

Cone Winding Operator

SECTOR: TEXTILE
SUB-SECTOR: SPINNING
OCCUPATION: POST SPINNING
REF ID: TSC/Q 0302, 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: 'CONE WINDING OPERATOR' QP No. 'TSC/Q 0302' **NSQF Level 4'**

Date of Issuance: **January, 18th, 2016**

Valid up to: **January 17th, 2017**

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



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Cone Winding Operator

CURRICULUM / SYLLABUS

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

Program Name	Cone Winding Operator		
Qualification Pack Name & Reference ID.	Cone Winding Operator TSC/Q0302, version 1.0		
Version No.	1.0	Version Update Date	30-12-2015
Pre-requisites to Training	Preferably equivalent to 5th (Normal literacy of reading, writing and understanding)		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Become well verse with taking charge of shift and handing over shift • Perform cop creeling and broken end knotting operations • Doffing the cone package • Perform cleaning and maintenance activities • Maintain work area, tools and machines • Gain behavioural skill for team working • Maintain health, safety and security at work place • Comply with industry and organisational requirement 		

This course encompasses 8 out of 8 National Occupational Standards (NOS) of “Cone Winding Operator” Qualification Pack issued by “TSC: Textile Sector Skill Council”

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p>Taking charge of shift and handing over shift to operator</p> <p>Theory Duration (hh:mm) 13:00</p> <p>Practical Duration (hh:mm) 30:00</p> <p>Corresponding NOS Code TSC/N 0305</p>	<ul style="list-style-type: none"> Learning general discipline Become well verse with basic skills of communication Understand the role of cone winding operator Perform tasks while taking charge of shift and handing over shift Become familiar in faults identification 	<p><u>Class room requirements:</u> a batch of 25 people seating capacity with a screen and projector</p>
2	<p>Creeling the cops and knotting the broken end</p> <p>Theory Duration (hh:mm) 22:00</p> <p>Practical Duration (hh:mm) 42:00</p> <p>Corresponding NOS Code TSC/N 0306</p>	<ul style="list-style-type: none"> Gain knowledge about machine parts & its function Gain knowledge about control switches perform starting and stopping cone winding machine become familiarize in yarn knotting with knotter or splicer handle knotter/splicer properly handling cop crate transporting cop crates from stack to winding machine handling cop crate trolley/winder trolley replenishing cops and run drum attending broken ends cleaning drum lapping using cleaning hook Get familiar with general tenting activities Gain knowledge on color coding system Gain knowledge on count, cop content, under winding length, cop defects, cone defects, etc. Knowing waste control activities 	<p><u>1. A sample of following items for each trainee:</u> Knotter/splicer, cop package, empty tube, cone package, empty cone, lapping cleaning hook, cleaning brush</p> <p><u>2. common for every batch:</u> poster/video visuals for work method</p> <p><u>3. Class room requirements:</u> a batch of 25 people seating capacity with a screen and projector</p>
3	<p>Doffing the cone package</p> <p>Theory Duration (hh:mm) 07:00</p>	<ul style="list-style-type: none"> Gain knowledge about machine parts & its function Knowing the type of cone package defects and its causes Knowing the cop defects and its effect on doff weight 	<p><u>1. common for every batch</u> cone trolley, weighing balance, video visuals for work procedures</p> <p><u>2. Class room requirements:</u> a batch of 25 people seating capacity</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>Practical Duration (hh:mm) 14:30</p> <p>Corresponding NOS Code TSC/N 0307</p>	<ul style="list-style-type: none"> Knowing the cop weight & cone weight relationship to achieve the doff within tolerance Doffing cone package Winding tail end on cone during doffing Setting tare weight according to the empty cone weight Handle weighing balance properly Knowing the cone weight tolerance with respect the cone weight Checking cone weight Familiarize in adjusting cone weight to get correct weight Gain knowledge on waste control activities 	with a screen and projector
4	<p>Carryout cleaning and maintenance activities</p> <p>Theory Duration (hh:mm) 18:00</p> <p>Practical Duration (hh:mm) 46:30</p> <p>Corresponding NOS Code TSC/N 0308</p>	<ul style="list-style-type: none"> Gather knowledge on Importance of cleaning and maintenance Knowing the operator responsibilities in cone winding in cleaning and maintenance Gain skill in using tools for cleaning and maintenance 	<p><u>1. common for every batch</u>; Machine working diagram/ video visuals, <u>Class room requirements:</u> 25 people seating capacity with a screen and projector</p>
5	<p>Maintain work area, tools and machines</p> <p>Theory Duration (hh:mm) 06:30</p> <p>Practical Duration (hh:mm) 15:00</p> <p>Corresponding NOS Code TSC/N 9001</p>	<ul style="list-style-type: none"> Become good knowledge in Housekeeping system Identify and understand the basic tools like knotter, winder trolley, cone trolley, weighing balance, cleaning hook, cleaning brush, bag, etc. Handling equipments and tools Perform maintenance activities for handling equipments 	<p><u>Class room requirements:</u> 25 people seating capacity with a screen and projector</p>
6	<p>Working in a team</p> <p>Theory Duration (hh:mm) 07:00</p>	<ul style="list-style-type: none"> Understanding the team work and its importance Knowing the basic requirements for team working 	<p><u>Class room requirements:</u> 25 people seating capacity with a screen and projector</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Practical Duration (hh:mm) 14:00 Corresponding NOS Code TSC/N 9002		
7	Maintain health, safety and security at work place Theory Duration (hh:mm) 18:30 Practical Duration (hh:mm) 24:00 Corresponding NOS Code TSC/N 9003	<ul style="list-style-type: none"> Knowing the general safety Rules Knowing the importance of personal protective equipment like apron, cap, earplugs, nose mask etc. and their application under different working conditions. Gain knowledge on various health hazards relevant to workplace and basic first aid training. Identify and select right equipment such as fire extinguisher & based on type of fire. Become good practice on first aid, fire fighting etc. 	<u>1. A sample of following items for each trainee:</u> apron, head cap, nose mask, ear plug, shoe, <u>2. common for every batch:</u> first aid materials, fire extinguisher, work method posters/pictures, <u>3. Class room requirements:</u> 25 people seating capacity with a screen and projector
8	Comply with industry and organisational requirement Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 14:00 Corresponding NOS Code TSC/N 9004	<ul style="list-style-type: none"> Know about organisational and industry standards Know the requirements for self-development Gain knowledge on Organisational & Industry standards 	<u>Class room requirements:</u> 25 people seating capacity with a screen and projector
	Total Duration: Theory Duration 100:00 Practical Duration 200:00	Unique Equipment Required: Samples of cone and cop package, empty tube and cone Knotter/splicer, Crate trolley, cone trolley, weighing balance, cleaning brush, cleaning hook, apron, head cap, nose mask, ear plug, shoe, first aid materials, fire extinguisher, work method posters, work method video visuals, projector, screen	

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: “Cone Winding Operator” mapped to Qualification Pack: “Cone Winding Operator /TQ 0302, Version 1.0”

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “ <u>Cone Winding Operator /TQ0302, Version 1.0</u> ”.
2	Personal Attributes	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	Minimum Educational Qualifications	Preferably equivalent to 5th (Normal literacy of reading, writing and understanding)
4a	Domain Certification	Certified for Job Role: “ <u>Cone Winding Operator</u> ” mapped to QP: “ <u>Cone Winding Operator /TQ0302, Version 1.0</u> ”. Minimum accepted score 85%.
4b	Platform Certification	Required that the Trainer is certified for SSC/Q 1402 Job Role: “Trainer” with atleast 85% score
5	Experience	Minimum 2 years experience with Cone Winding Operator

Annexure: Assessment Criteria

Assessment Criteria for Cone Winding Operator	
Job Role	Cone Winding Operator
Qualification Pack	Cone Winding Operator (TSC/ Q 0302)
Sector Skill Council	Textile Sector Skill Council

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
1. TSC/N0305 (Taking charge of shift and handing over shift to Cone Winding Operator)	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 department		4	2	1	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	1	1	3
	PC4. Understand the count produced, color coding, followed in the winding for his allocated number of drums or machines		5	2	1	2
	PC5. Ensure the technical details are mentioned in the display board in the winding machine		4	2	1	1
	PC6. Check for the availability of the ring cops in cheese trolleys		5	2	2	1
	PC7. Ensure all the winding drums are running properly, winding drums which are not running and problems if any should be clarified with the supervisor and operator		4	1	2	1
	PC8. ensure all the cone drums are running properly, if not should be enquired for the reason for idle cone drums and report to the superiors regarding the same		4	1	2	1
	PC9. Ensure proper functioning of winding machine parts		4	1	2	1
	PC10. Check the cleanliness of the machines & other work areas		3	1	1	1
	PC11. Check whether any spare/raw material/ tool / yarn / any other material are thrown under the machines or in the other work areas.		4	2	1	1
	PC12. Should 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.		5	1	2	2
	PC13. Ensure the wastes collection boxes are empty while taking charge of shift		4	1	2	1
	PC14. 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
	PC15. Ensure the OHTC is working properly		3	1	1	1
	PC16. Hand over the shift to the incoming shift operator in a proper manner		4	1	2	1
	PC17. Ensure in providing the details regarding count produced, color coding followed in the winding for his allocated number of cone drums or machines		5	1	1	3
	PC18. Provide all relevant information regarding the count produced, idle cone drums, damaged machine parts if any		5	1	1	3
	PC19. Get clearance from the incoming counterpart before leaving the work spot		5	1	2	2
	PC20. 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		4	1	1	2
	PC21. Ensure the shift has to be properly handed over to the incoming shift operator		4	1	1	2
	PC22. 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		4	1	1	2
	PC23. Collect the wastes from waste collection bags, weigh them and transport to storage area		4	1	2	1
	PC24. Ensure the work spot is clean		5	2	1	2
	Total		100	30	33	37
	Weightage %		100	30	33	37
2. TSC/N0306 (Creeling the cops and knotting the broken yarn)	PC1. Bring the cops in the cop trolley from storage area	150	4	1	2	1
	PC2. ensure correct count cop trolley is taken to winding unit for creeling		4	2	1	1
	PC3. patrol around the cone winding machine and identify the cop exhaust		6	2	3	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
during cone winding)	PC4. creel the cops in the creel stand		6	2	3	1
	PC5. Ensure the cop is properly fixed in the holder		5	2	2	1
	PC6. Ensure the winding unit should not stop due to cops exhaust		4	2	2	0
	PC7. ensure minimum time is taken for creeling the ring cops		4	1	2	1
	PC8. Ensuring the cone drum is not running for a long time with cop exhaust		5	2	2	1
	PC9. lift the cone spindle from the surface of the drum to a certain height		6	2	3	1
	PC10. properly stop the cone spindle before knotting		5	2	2	1
	PC11. Ensure proper functioning of machine		4	1	2	1
	PC12. Ensure safety while creeling and knotting the yarn		4	1	2	1
	PC13. Use hand knotters or splicers for knotting the broken yarn or during cop change and during yarn breakage		6	2	3	1
	PC14. Ensure proper procedure for operating the hand knotters for knotting		6	2	3	1
	PC15. Ensure proper procedure for operating the hand splicer		6	2	3	1
	PC16. Knot should be done with minimum loss of time and with minimum waste.		7	2	3	2
	PC17. Knot should be done with minimum tails and the tails should be trimmed with proper trimmers.		7	2	3	2
	PC18. Ensure that the knots are of good strength, small size and of minimum tail ends. If not, get the knotter repaired / replaced.		5	2	2	1
	PC19. Ensure the yarn is properly knotted / spliced		5	2	2	1
	PC20. Lift the cone holder lever and lay the cone spindle on the cone drum		5	2	2	1
	PC21. Ensure the cone is proper laid in the winding drum and the yarn is properly wound on the cone uniformly		4	1	2	1
	PC22. Ensure proper material handling of ring cops and cone		5	2	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC23. Ensure proper material handling of cop trolley, knotters and splicers		4	1	2	1
	PC24. Place the single yarn cones in assembly winder		5	2	2	1
	PC25. Ensure correct color coded and labelled cone package is taken for creeling		4	1	2	1
	PC26. Ensure minimum time for attending the end breaks		4	2	1	1
	PC27. Ensure both the yarns are parallel winded in the assemble cheese package		4	1	2	1
	PC28. Knot the ends during breakage		7	2	3	2
	PC29. Ensure that the knots are of good strength		5	2	2	1
	PC30. Ensure proper material handling of cone packages		4	1	2	1
	Total		150	51	67	32
	Weightage %		100%	34	45	21
3. TSC/N0307 (Doffing the cone package at cone winding machine)	PC1. Ensure the cone is wound till the required length or weight of yarn is wound on cone package	50	3	1	1	1
	PC2. check the cone package is fully would to the predetermined length or weight and start doffing		4	1	2	1
	PC3. Either stop the machine for doffing or doff the cone package while the machine is running as per the instructions of the supervisor		3	1	1	1
	PC4. Ensure proper procedure is adopted for doffing the cone package		3	1	1	1
	PC5. Ensure proper material handling of cone package		3	1	1	1
	PC6. Weigh the cone package and ensure the required weight have been achieved		3	1	2	0
	PC7. Fix the cone in the cone spindle and run it again till the cone reaches the predetermined weight		3	1	1	1
	PC8. place the cones in the cone trolley and store in the storage area as instructed		3	1	2	0
	PC9. Reserve the empty paper cones in the reserve area for doffing		3	1	2	0

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC10. After doffing insert the empty cone		3	1	2	0
	PC11. Ensure strictly proper color coded empty paper cone is mounted in spindle.		4	1	2	1
	PC12. Put tail end of minimum 0.5mtrs on the base of the empty cone before starting.		3	1	2	0
	PC13. During count change do the necessary changes and follow the instructions of the superiors.		3	1	1	1
	PC14. Release the spindle lever and lay the cone spindle on the winding drum		3	1	1	1
	PC15. Ensure proper traverse of yarn on winding drum		3	1	1	1
	PC16. Ensure the proper passage of yarn in winding machine		3	1	1	1
	Total		50	16	23	11
	Weightage %		100%	32	46	22
4. TSC/N0308 (Carryout tenting, cleaning and maintenance activities at cone winding)	PC1. Bring the cops in the cop trolley from storage area	150	5	1	1	3
	PC2. Ensure proper passage of material of yarn in the winding units		5	1	2	2
	PC3. Attend to machine on yarn breakage and knot the ends using knotter		5	1	3	1
	PC4. Ensure the knots are of good strength, small size and minimum tail ends		4	1	2	1
	PC5. Check the appearance of splicing		4	1	2	1
	PC6. See the signal lamps ensure minimum time taken for creeling		4	1	2	1
	PC7. Material handling of full cops, empty cops and full cones		4	1	2	1
	PC8. Material handling of waste		4	1	2	1
	PC9. Transport empty cops to ring frame department		4	1	2	1

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC10. Operate the overhead blower - ensure its working while winding		4	1	2	1
	PC11. Report to superiors immediately, if any defects such as yarn shade variation, strength variation, twist variation, stains etc. Are found		4	1	1	2
	PC12. Inform the superiors or maintenance personnel if any faulty winding spindle is found among the spindle allotted		4	1	1	2
	PC13. Handle material of full cops, empty cops and full cones		4	1	2	1
	PC15. Transport empty cops to ring frame department		4	1	2	1
	PC16. Carrying out cleaning activities		5	2	2	1
	PC17. Removing faults from ring cops		4	1	2	1
	PC18. Keep the wastes in waste bag in apron		4	1	2	1
	PC19. Use the wax rolls, if instructed, for waxing the yarn.		4	1	2	1
	PC20. Ensure in keeping the wax washers clean		4	1	2	1
	PC21. Clean the waste accumulation from different parts of the machine from time to time		4	1	2	1
	PC22. Package defects produced in the winding machine to be identified and report it to the superiors		5	1	2	2
	PC23. Ensure cleanliness at work place		3	1	1	1
	PC24. Check the waxing unit and fix new waxing rolls if the old one exhausts		5	2	2	1
	PC25. Ensure all the winding drum is in good running condition		4	1	2	1
	PC26. Ensure the working of all stop motions, tension washer and EYC.		4	1	2	1
	PC27. Check whether splicing unit is working proper condition		4	2	2	0

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	PC28. Check the proper functioning of hand knotters		5	2	2	1
	PC29. Check the proper functioning of machine parts		4	1	2	1
	PC30. Ensure that the conveyor belt is clean and proper cop transport occurs		4	1	2	1
	PC31. Attend the jams in winding sections and report to supervisor and fitters		6	2	3	1
	PC32. In case yarn gets wound on the drum, stop the machine and remove the same gently without damaging the drum		6	2	3	1
	PC33. Report to the maintenance in charge and supervisor if the machine is not functioning properly		5	1	1	3
	PC34. Check the OHTC working condition.		3	1	2	0
	PC35. Report to the superiors if any EYC is malfunctioning		4	1	2	1
	PC36. Ensure safety while carrying out maintenance activities		4	1	2	1
	Total		150	41	68	41
	Weightage %		100%	27	45	28
5.TSC/N9001 (Maintain work area, tools and machines)	PC1. handle materials, machinery, equipment and tools with care and use them in the correct way	50	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

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	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
	Total		50	15	21	14
	Weightage %		100	30	42	28
6.TSC/N9002 (Working in a team)	PC1. be accountable to the own role in whole process	50	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		5	1	2	2
	PC7. submit daily report of own performance		5	2	2	1
	PC8. adjust in different work situations		4	1	2	1
	PC9. give due importance to others' point of view		4	2	1	1
	PC10. avoid conflicting situations		4	2	1	1
	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
	Total		50	17	18	15
	Weightage %		100	34	36	30
7.TSC/N9003 (Maintain health, safety and security at work place)	PC1. comply with health and safety related instructions applicable to the workplace	100	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

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	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
	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

National Occupational Standards (NOS)	Performance Criteria (PC)	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
	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
	Total		100	43	34	23
	Weightage %		100	43	34	23
8.TSC/N9004 (Comply with industry and organizational requirement)	PC1. perform own duties effectively	50	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
	Total		50	18	19	13
Weightage %		100	36	38	26	
Total			700	231	283	186
Grand Total			700			



Textile Sector Skill Council

15th Floor, Nirmal Tower, Barakhamba Road, New Delhi-110 001