



Draw Frame Operator

QP Code: TSC/Q0105

Version: 2.0

NSQF Level: 4

Textile Sector Skill Council || Textile Sector Skill Council (TSC) 15th Floor, Nirmal Tower, 26,
Barakhamba Road, New Delhi - 110 001
Office: +91-11-43536355-7

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TSC/Q0105: Draw Frame Operator

Brief Job Description

A draw frame operator is responsible to carry out tenting activities on the draw frame machines. The operator should be able to operate the breaker and finisher passage draw frame machines, replenish the sliver cans, piece the sliver on breakage, doff the sliver cans and transport the delivery cans to the storage area.

Personal Attributes

A draw frame operator should have physical skills like dexterity, coordination, motor skills, strength, stamina and handle heavy equipment. A draw frame operator should also have sensory skills like hearing ability and vision (normal distance vision, colour vision, night vision, peripheral vision, depth perception and ability to change focus).

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [TSC/N0132: Carryout shift change, can change, sliver piecing, doffing, and tenting responsibilities in draw frame department](#)
2. [TSC/N9015: Follow machine, safety, and organizational guidelines in textile sector](#)
3. [TSC/N9016: Follow teamwork, adaptability, and communication guidelines in textile sector](#)

Qualification Pack (QP) Parameters

Sector	Textile
Sub-Sector	Spinning - Textiles
Occupation	Pre Spinning Operations
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/8151.0700
Minimum Educational Qualification & Experience	Basic Literacy and Numeracy with 0-6 Months of experience

Minimum Level of Education for Training in School	9th Class
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	19/03/2021
Next Review Date	19/03/2026
Deactivation Date	19/03/2026
NSQC Approval Date	
Version	2.0

TSC/N0132: Carryout shift change, can change, sliver piecing, doffing, and tenting responsibilities in draw frame department

Description

This unit is about performance criteria, knowledge and generic skills required to carry out shift change, can change, sliver piecing, and tenting responsibilities in draw frame department.

Scope

The scope covers the following :

- Shift hand over and take charge in draw frame department
- Operate draw frame machine
- Attend the draw frame for changing sliver cans
- Piece broken sliver in the draw frame
- Perform can doffing in the draw frame
- Perform cleaning and other tenting activities in the draw frame

Elements and Performance Criteria

Shift hand over and take charge in draw frame department

To be competent, the user/individual on the job must be able to:

- PC1.** report for the shift 10-15 minutes prior to the scheduled time with necessary operational tools
- PC2.** collect the shift details from previous shift operator on production, maintenance, raw material, colour coding, etc. as per the SOP
- PC3.** check for quality and availability of spares, production materials such as sliver cans, colour code strip, cleaning liquids and powder, etc.
- PC4.** monitor condition of processing materials and accessories in the allotted draw frame machines such as creel guides, drafting rollers, can coiler, waste collection box, etc.
- PC5.** check work spot and draw frame machine for cleanliness as per specifications
- PC6.** provide shift details to incoming draw frame operator on production, maintenance, spare parts, counts running, count changes, sliver cans availability, etc.
- PC7.** complete the shift end jobs like take hank meter reading, writing production log report, waste collection box disposal, cleaning as per standard protocol
- PC8.** report observed deviation to incoming shift supervisor on production, maintenance, absenteeism, etc.
- PC9.** get clearance from shift operator and shift supervisor before leaving the shift

Operate draw frame machine

To be competent, the user/individual on the job must be able to:

- PC10.** operate draw frame machine using control buttons provided for start, inch, stop, emergency stop, etc.
- PC11.** operate draw frame machine display panel and check the functioning of the machine such as machine speed, production, efficiency, doff set, running length, machine stoppages, etc.
- PC12.** follow the different signal lamps used in draw frame machines

PC13. fix machine safety covers, waste collection chamber doors as per the guidelines

PC14. dismantle and assemble detachable spares like top drafting rollers, clearers, sliver trumpet, etc.

Attend draw frame machine for sliver can change

To be competent, the user/individual on the job must be able to:

PC15. transfer supply sliver cans from storage area as per specified colour code and hank

PC16. identify the sliver can exhaust in the draw frame creel

PC17. inspect for surface damages of slivers before creeling operation

PC18. piece full can sliver with running can sliver before exhaustion as per the SOP

PC19. remove the exhausted cans from creel and store at specified place

Piece broken sliver in the draw frame creel side

To be competent, the user/individual on the job must be able to:

PC20. identify the machine stoppage by checking signal lamps and display panel

PC21. verify the required length of sliver is available for piecing

PC22. piece the broken sliver in the creel section as per standard procedure and guidelines

PC23. monitor the sliver passage after piecing in the running machine

PC24. collect the sliver waste in the waste collection pocket and dispose in the waste collection box

Piece broken sliver at draw frame front side

To be competent, the user/individual on the job must be able to:

PC25. attend trumpet chocking, roller lapping, etc. as per standard procedure and guidelines

Perform can doffing at draw frame machine

To be competent, the user/individual on the job must be able to:

PC26. collect and bring required empty cans from storage area for manual or automatic doffing

PC27. clean the can castor wheels as per standard process

PC28. identify the machine doffing stage using control panel

PC29. carryout doffing process as per standard guidelines

PC30. monitor the coiling placement in new can after doffing

PC31. transport full can to the storage area

Carryout cleaning activities at draw frame machine

To be competent, the user/individual on the job must be able to:

PC32. carryout cleaning activities in the draw frame machine as per scheduled interval using appropriate tools

PC33. segregate the collected waste to deposit in the respective waste bins

PC34. remove the surface defect and impurities on the slivers

PC35. support spinning fitters in their cleaning and maintenance activities

Carryout other tenting responsibilities in draw frame department

To be competent, the user/individual on the job must be able to:

PC36. inform the machine break downs, faults, repeated breakages to fitters as per the standard process

PC37. identify signal lamp malfunction, castor wheel movement malfunction in the draw frame machine

PC38. maintain stocks of required cleaning materials

- PC39.** monitor the working condition of creel guides, drafting unit, coiling unit, waste chamber, etc. at specified intervals
- PC40.** change colour code belt for sliver cans as per the instruction
- PC41.** support maintenance and quality control team within limits of responsibility

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** basics of staple yarn spinning such as types of fibre, types of yarn, count, process flow, material flow, sectors of fibre to apparel, etc.
- KU2.** organizational chart and name of department HODs, locations of various departments, offices and its functions
- KU3.** rules and regulations followed in a spinning mill like shift timing and duration, limits of leave and holidays, etc.
- KU4.** roles and responsibilities of draw frame machine operator
- KU5.** functions of draw frame machine
- KU6.** different parts of draw frame machine such as switch board, buttons, signal lamps, accessories and their functions
- KU7.** basic electrical connections and motor drives used in draw frame machines
- KU8.** material flow in the draw frame machine and types of supply and finished packages
- KU9.** quality systems and parameters with specifications practiced in the draw frame department
- KU10.** colour coding followed in the spinning preparatory department
- KU11.** process parameters like sliver hank, sliver can content, breaks per machine hour, machine speed, etc.
- KU12.** reasons for sliver breakages in the draw frame
- KU13.** objective of using chalk powder, cleaning liquids in drafting zone cleaning
- KU14.** quality parameters like sliver stretch, sliver unevenness, hank variation, thick and thin places, etc.
- KU15.** impacts of stop motion ineffectiveness, auto leveller failure, inadequate top arm loading, etc. on sliver quality
- KU16.** significance of Relative Humidity (RH) in draw frame department
- KU17.** importance of machine cleanliness and its significance on sliver quality
- KU18.** importance of operational tools such as cleaning brush, waist bag, lapping cleaning tool, etc.
- KU19.** process parameters during count and process change in draw frame
- KU20.** housekeeping system (5S) and its importance at workplace
- KU21.** machine production calculation
- KU22.** reporting formats to superiors and log book formats
- KU23.** protocol for taking charge, handing over shift, can changing, piecing, doffing, cleaning, tenting and other activities in draw frame department
- KU24.** protocol for handling tools and equipment used in draw frame department
- KU25.** importance of waster segregation and disposal in the draw frame department
- KU26.** implications of doing wrong method of sliver piecing at draw frame

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write clear and short sentences in the log book such as draw frame production, maintenance, count change, etc.
- GS2.** communicate with colleagues and superiors as per standard protocol
- GS3.** comprehend written draw frame production, work method poster, machine display, safety and routine maintenance instructions, etc.
- GS4.** perform basic arithmetical calculations to calculate machine production, estimate supply and delivery material requirements, etc.

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Shift hand over and take charge in draw frame department</i>	18	22	-	20
PC1. report for the shift 10-15 minutes prior to the scheduled time with necessary operational tools	-	-	-	-
PC2. collect the shift details from previous shift operator on production, maintenance, raw material, colour coding, etc. as per the SOP	-	-	-	-
PC3. check for quality and availability of spares, production materials such as sliver cans, colour code strip, cleaning liquids and powder, etc.	-	-	-	-
PC4. monitor condition of processing materials and accessories in the allotted draw frame machines such as creel guides, drafting rollers, can coiler, waste collection box, etc.	-	-	-	-
PC5. check work spot and draw frame machine for cleanliness as per specifications	-	-	-	-
PC6. provide shift details to incoming draw frame operator on production, maintenance, spare parts, counts running, count changes, sliver cans availability, etc.	-	-	-	-
PC7. complete the shift end jobs like take hank meter reading, writing production log report, waste collection box disposal, cleaning as per standard protocol	-	-	-	-
PC8. report observed deviation to incoming shift supervisor on production, maintenance, absenteeism, etc.	-	-	-	-
PC9. get clearance from shift operator and shift supervisor before leaving the shift	-	-	-	-
<i>Operate draw frame machine</i>	32	70	-	10
PC10. operate draw frame machine using control buttons provided for start, inch, stop, emergency stop, etc.	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. operate draw frame machine display panel and check the functioning of the machine such as machine speed, production, efficiency, doff set, running length, machine stoppages, etc.	-	-	-	-
PC12. follow the different signal lamps used in draw frame machines	-	-	-	-
PC13. fix machine safety covers, waste collection chamber doors as per the guidelines	-	-	-	-
PC14. dismantle and assemble detachable spares like top drafting rollers, clearers, sliver trumpet, etc.	-	-	-	-
<i>Attend draw frame machine for sliver can change</i>	25	45	-	21
PC15. transfer supply sliver cans from storage area as per specified colour code and hank	-	-	-	-
PC16. identify the sliver can exhaust in the draw frame creel	-	-	-	-
PC17. inspect for surface damages of slivers before creeling operation	-	-	-	-
PC18. piece full can sliver with running can sliver before exhaustion as per the SOP	-	-	-	-
PC19. remove the exhausted cans from creel and store at specified place	-	-	-	-
<i>Piece broken sliver in the draw frame creel side</i>	42	56	-	36
PC20. identify the machine stoppage by checking signal lamps and display panel	-	-	-	-
PC21. verify the required length of sliver is available for piecing	-	-	-	-
PC22. piece the broken sliver in the creel section as per standard procedure and guidelines	-	-	-	-
PC23. monitor the sliver passage after piecing in the running machine	-	-	-	-
PC24. collect the sliver waste in the waste collection pocket and dispose in the waste collection box	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Piece broken sliver at draw frame front side</i>	10	30	-	5
PC25. attend trumpet chocking, roller lapping, etc. as per standard procedure and guidelines	-	-	-	-
<i>Perform can doffing at draw frame machine</i>	26	35	-	28
PC26. collect and bring required empty cans from storage area for manual or automatic doffing	-	-	-	-
PC27. clean the can castor wheels as per standard process	-	-	-	-
PC28. identify the machine doffing stage using control panel	-	-	-	-
PC29. carryout doffing process as per standard guidelines	-	-	-	-
PC30. monitor the coiling placement in new can after doffing	-	-	-	-
PC31. transport full can to the storage area	-	-	-	-
<i>Carryout cleaning activities at draw frame machine</i>	20	31	-	12
PC32. carryout cleaning activities in the draw frame machine as per scheduled interval using appropriate tools	-	-	-	-
PC33. segregate the collected waste to deposit in the respective waste bins	-	-	-	-
PC34. remove the surface defect and impurities on the slivers	-	-	-	-
PC35. support spinning fitters in their cleaning and maintenance activities	-	-	-	-
<i>Carryout other tenting responsibilities in draw frame department</i>	25	25	-	16
PC36. inform the machine break downs, faults, repeated breakages to fitters as per the standard process	-	-	-	-
PC37. identify signal lamp malfunction, castor wheel movement malfunction in the draw frame machine	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC38. maintain stocks of required cleaning materials	-	-	-	-
PC39. monitor the working condition of creel guides, drafting unit, coiling unit, waste chamber, etc. at specified intervals	-	-	-	-
PC40. change colour code belt for sliver cans as per the instruction	-	-	-	-
PC41. support maintenance and quality control team within limits of responsibility	-	-	-	-
NOS Total	198	314	-	148

National Occupational Standards (NOS) Parameters

NOS Code	TSC/N0132
NOS Name	Carryout shift change, can change, sliver piecing, doffing, and tenting responsibilities in draw frame department
Sector	Textile
Sub-Sector	Spinning - Textiles
Occupation	Pre Spinning Operations
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	

TSC/N9015: Follow machine, safety, and organizational guidelines in textile sector

Description

This unit provides performance criteria, knowledge and skills required to follow machine, safety and organizational guidelines in textile sector.

Scope

The scope covers the following :

- Maintaining the work area, tools and machines
- Greening and energy conservation in textile sector
- Health, safety and response to emergencies at textile sector
- Organizational standards and policies

Elements and Performance Criteria

Maintaining the work area, tools and machines

To be competent, the user/individual on the job must be able to:

- PC1.** handle materials, machinery, equipment and tools as per standard procedure
- PC2.** use appropriate material handling equipment and tools as per standard procedure
- PC3.** keep the equipment, machine and work area clean using appropriate cleaning tools as per standard procedure
- PC4.** undertake minor routine maintenance of equipment and tools as per standard maintenance procedure
- PC5.** maintain record for defective and unsafe equipment and tools
- PC6.** verify that machine guards are in place as per standard specifications
- PC7.** follow specified ergonomics for the assigned job role in textile sector
- PC8.** collect and store worn-out spare parts at specified location
- PC9.** report the condition of worn out parts as per standard procedure

Greening and energy conservation in textile sector

To be competent, the user/individual on the job must be able to:

- PC10.** segregate wastes such as recyclable, non-recyclable, hazardous as per standard protocol
- PC11.** optimize usage of material and resources including water, electricity in various tasks
- PC12.** switch off the machines and lights when not in use

Health, safety and response to emergencies at textile sector

To be competent, the user/individual on the job must be able to:

- PC13.** use Personal Protective Equipment (PPEs) like body protector, ear plugs, nose mask, head cap, etc. as per guidelines
- PC14.** identify abnormal sounds emanating from faulty or worn out machine parts and take appropriate action
- PC15.** avoid dependency on any type of intoxicants
- PC16.** maintain social distance as per the instruction at workplace

- PC17.** report hazardous material to superiors at workplace
- PC18.** use the various appropriate fire extinguishers on different types of fires correctly
- PC19.** follow the specified steps in case of electricity failure
- PC20.** lift heavy objects using correct lifting procedures
- PC21.** recall emergency exits, safe spots, etc. of workplace
- PC22.** practice mock drills and evacuation procedures organized by industry
- PC23.** assist others to reach to safe spots in emergency situations
- PC24.** provide basic first aid for injury to peers and report to superiors
- PC25.** interpret different signs, alarms and take action appropriately
- PC26.** follow the guidelines while working in hazards atmosphere
- PC27.** assist in designing the safety plans with peers and superiors
- PC28.** follow the approved safety plans at workplace

Organizational standards and policies

To be competent, the user/individual on the job must be able to:

- PC29.** perform assigned duties as per organization's protocol within scheduled time period
- PC30.** follow organization policies, quality standards, rules and regulations for working in textile sector
- PC31.** motivate colleagues to follow operational guidelines of organization
- PC32.** wear specified uniform and follow etiquette as per standard guidelines for the textile sector
- PC33.** maintain hygienic working atmosphere as per protocol of the textile sector
- PC34.** submit lost and found articles as per standard protocol

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** organizational standard procedures, quality standards, rules, codes, policies and safety standards in the textile sector
- KU2.** different type of tools and equipment used in textile sub- sector and their specifications and operating procedures
- KU3.** safe handling procedure of tools and equipment
- KU4.** the importance of displays and written instructions for the allocated machines
- KU5.** dos and donts specific to the assigned work responsibilities
- KU6.** protocol for minimizing the wastage of material, effort and time
- KU7.** organization's formats and procedures for reporting production, defects, faults, material/tool requisition and quality parameters and task completed for assigned job
- KU8.** schedule for cleaning and waste collection for the assigned job role
- KU9.** importance and standard procedure for disposal of soft, hard, non-hazardous and hazardous wastes and materials
- KU10.** available types of material handling equipment and handling methods used in the textile sector
- KU11.** hazards of unsafe workplace conditions and procedures in the textile industry and methods to avoid hazards

- KU12.** various types of fire extinguishers
- KU13.** importance of stable mental condition in case of emergency
- KU14.** correct work posture and importance of ergonomics for the assigned job role
- KU15.** organizational quality systems like quality circle, 5S, ISO, SA, etc. followed in the textile sector
- KU16.** importance of following work wear standards, behavioral protocols and etiquette in the textile sector
- KU17.** importance of energy conservation through proper maintenance schedule in the textile sector
- KU18.** procedures and formats for reporting lost and found material
- KU19.** different types of alarms and their significance

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** read and comprehend policies in notice boards displayed in the workplace
- GS2.** minimize the resource consumption for the assigned task
- GS3.** solve basic arithmetic calculations related to assigned job role
- GS4.** recognize and differentiate colors of materials used in textile sector
- GS5.** lift specified materials for the allotted task using prescribed ergonomic position
- GS6.** exhibit motor skill required for the allotted task

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintaining the work area, tools and machines</i>	10	10	-	6
PC1. handle materials, machinery, equipment and tools as per standard procedure	-	-	-	-
PC2. use appropriate material handling equipment and tools as per standard procedure	-	-	-	-
PC3. keep the equipment, machine and work area clean using appropriate cleaning tools as per standard procedure	-	-	-	-
PC4. undertake minor routine maintenance of equipment and tools as per standard maintenance procedure	-	-	-	-
PC5. maintain record for defective and unsafe equipment and tools	-	-	-	-
PC6. verify that machine guards are in place as per standard specifications	-	-	-	-
PC7. follow specified ergonomics for the assigned job role in textile sector	-	-	-	-
PC8. collect and store worn-out spare parts at specified location	-	-	-	-
PC9. report the condition of worn out parts as per standard procedure	-	-	-	-
<i>Greening and energy conservation in textile sector</i>	7	10	-	6
PC10. segregate wastes such as recyclable, non-recyclable, hazardous as per standard protocol	-	-	-	-
PC11. optimize usage of material and resources including water, electricity in various tasks	-	-	-	-
PC12. switch off the machines and lights when not in use	-	-	-	-
<i>Health, safety and response to emergencies at textile sector</i>	32	40	-	28

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. use Personal Protective Equipment (PPEs) like body protector, ear plugs, nose mask, head cap, etc. as per guidelines	-	-	-	-
PC14. identify abnormal sounds emanating from faulty or worn out machine parts and take appropriate action	-	-	-	-
PC15. avoid dependency on any type of intoxicants	-	-	-	-
PC16. maintain social distance as per the instruction at workplace	-	-	-	-
PC17. report hazardous material to superiors at workplace	-	-	-	-
PC18. use the various appropriate fire extinguishers on different types of fires correctly	-	-	-	-
PC19. follow the specified steps in case of electricity failure	-	-	-	-
PC20. lift heavy objects using correct lifting procedures	-	-	-	-
PC21. recall emergency exits, safe spots, etc. of workplace	-	-	-	-
PC22. practice mock drills and evacuation procedures organized by industry	-	-	-	-
PC23. assist others to reach to safe spots in emergency situations	-	-	-	-
PC24. provide basic first aid for injury to peers and report to superiors	-	-	-	-
PC25. interpret different signs, alarms and take action appropriately	-	-	-	-
PC26. follow the guidelines while working in hazards atmosphere	-	-	-	-
PC27. assist in designing the safety plans with peers and superiors	-	-	-	-
PC28. follow the approved safety plans at workplace	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Organizational standards and policies</i>	16	20	-	10
PC29. perform assigned duties as per organization's protocol within scheduled time period	-	-	-	-
PC30. follow organization policies, quality standards, rules and regulations for working in textile sector	-	-	-	-
PC31. motivate colleagues to follow operational guidelines of organization	-	-	-	-
PC32. wear specified uniform and follow etiquette as per standard guidelines for the textile sector	-	-	-	-
PC33. maintain hygienic working atmosphere as per protocol of the textile sector	-	-	-	-
PC34. submit lost and found articles as per standard protocol	-	-	-	-
NOS Total	65	80	-	50

National Occupational Standards (NOS) Parameters

NOS Code	TSC/N9015
NOS Name	Follow machine, safety, and organizational guidelines in textile sector
Sector	Textile
Sub-Sector	Generic - Textiles Handloom
Occupation	Generic - Textiles & Handloom
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	

TSC/N9016: Follow teamwork, adaptability, and communication guidelines in textile sector

Description

This unit provides performance criteria, knowledge and skills required to follow team work, communication and adaptability in textile sector

Scope

The scope covers the following :

- Teamwork and communication
- Adaptability

Elements and Performance Criteria

Teamwork, trust and communication

To be competent, the user/individual on the job must be able to:

- PC1.** contribute to create a positive work environment in the team
- PC2.** carry out tasks as per instructions received from superiors
- PC3.** contribute to team work as per allocated responsibility to complete the task by using appropriate tools and methods
- PC4.** build trust with team mates and superiors
- PC5.** implement the ideas after superior's approval at work place
- PC6.** communicate clearly with the team members as per standard protocol
- PC7.** use suggested hand signs, vocal sound signals to convey the information in the production area
- PC8.** listen effectively to the ideas and concerns of the peers
- PC9.** use correct and respectful terms while communicating as per industry policy
- PC10.** express views proactively and effectively
- PC11.** make efforts to resolve difference of opinion with superiors and team members
- PC12.** report to superior for problems identified in assigned duty
- PC13.** report the daily performance to superior in prescribed manner and formats

Adaptability

To be competent, the user/individual on the job must be able to:

- PC14.** adapt to flexible work environment for the assigned task
- PC15.** adapt to work with various members of different ethnicity, gender and PwD without biases
- PC16.** consider opinions of colleagues, fitters, superiors for the assigned task
- PC17.** plan the work-routine within the limits of the responsibility
- PC18.** adopt new ideas after due approval from superior for improving the productivity

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** importance of teamwork and discipline
- KU2.** limits and responsibilities for the assigned duties in the textile sector
- KU3.** possible conflicts in the assigned job role and methods to resolve the same
- KU4.** importance of teamwork, group discussions and healthy work environment
- KU5.** importance of reporting as per the standard protocol
- KU6.** hierarchy of communication and communication etiquettes in the textile sector
- KU7.** protocol for communication with different ethnicity, gender and PwD
- KU8.** report and grievance submission formats
- KU9.** importance of hand, vocal sound signals in the textile sector

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** read and comprehend written instructions
- GS2.** listen effectivity for the instructions
- GS3.** coordinate with team mates for the allotted tasks
- GS4.** use and comprehend prescribed voice and hand signals in the textile production area
- GS5.** fill forms and prepare reports such as production report, material requisition forms, leave application, etc. as per standard formats

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Teamwork, trust and communication</i>	10	15	-	5
PC1. contribute to create a positive work environment in the team	-	-	-	-
PC2. carry out tasks as per instructions received from superiors	-	-	-	-
PC3. contribute to team work as per allocated responsibility to complete the task by using appropriate tools and methods	-	-	-	-
PC4. build trust with team mates and superiors	-	-	-	-
PC5. implement the ideas after superior's approval at work place	-	-	-	-
PC6. communicate clearly with the team members as per standard protocol	-	-	-	-
PC7. use suggested hand signs, vocal sound signals to convey the information in the production area	-	-	-	-
PC8. listen effectively to the ideas and concerns of the peers	-	-	-	-
PC9. use correct and respectful terms while communicating as per industry policy	-	-	-	-
PC10. express views proactively and effectively	-	-	-	-
PC11. make efforts to resolve difference of opinion with superiors and team members	-	-	-	-
PC12. report to superior for problems identified in assigned duty	-	-	-	-
PC13. report the daily performance to superior in prescribed manner and formats	-	-	-	-
<i>Adaptability</i>	5	5	-	5
PC14. adapt to flexible work environment for the assigned task	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC15. adapt to work with various members of different ethnicity, gender and PwD without biases	-	-	-	-
PC16. consider opinions of colleagues, fitters, superiors for the assigned task	-	-	-	-
PC17. plan the work-routine within the limits of the responsibility	-	-	-	-
PC18. adopt new ideas after due approval from superior for improving the productivity	-	-	-	-
NOS Total	15	20	-	10

National Occupational Standards (NOS) Parameters

NOS Code	TSC/N9016
NOS Name	Follow teamwork, adaptability, and communication guidelines in textile sector
Sector	Textile
Sub-Sector	Generic - Textiles Handloom
Occupation	Generic - Textiles & Handloom
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.

The assessment for the theory part will be based on knowledge bank of questions created by the SSC.

Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).

Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.

In case of successfully passing only certain number of NOSs, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack.

In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack

Minimum Aggregate Passing % at QP Level : 70

(Please note: Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
TSC/N0132.Carryout shift change, can change, sliver piecing, doffing, and tenting responsibilities in draw frame department	198	314	0	148	660	73
TSC/N9015.Follow machine, safety & organizational guidelines in Textile sector	65	80	-	50	195	22
TSC/N9016.Follow teamwork, adaptability, and communication guidelines in textile sector	15	20	0	10	45	5
Total	278	414	0	208	900	100

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training

Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.
Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.

Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.