



Jacquard Weaver - Handloom

QP Code: TSC/Q7306

Version: 2.0

NSQF Level: 4

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TSC/Q7306: Jacquard Weaver - Handloom

Brief Job Description

A Jacquard weaver - handloom weaves various types of jacquard woven fabrics and artistic textiles on a jacquard handloom, using different kinds of yarns- cotton/raw silk on a fly-shuttle or throw-shuttle handloom. The jacquard weaver is responsible for carrying out pre-weaving activities mend broken ends, weft picks, change jacquard punch cards and carry weft replenishment activities to produce defect-free jacquard woven fabrics.

Personal Attributes

A Jacquard weaver - handloom should have physicals skills like dexterity, hand-eye-leg coordination, motor skills, strength, stamina and ability to handle heavy equipment. A Jacquard Weaver - Handloom should also have sensory skills like hearing ability and vision (normal distance vision, colour vision, night vision, peripheral vision, depth perception, ability to differentiate between colours, shade, depth and ability to change focus).

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [TSC/N7308: Undertake pre-weaving activities for jacquard weaving - handloom](#)
2. [TSC/N7309: Operate the jacquard handloom](#)
3. [TSC/N9015: Follow machine, safety, and organizational guidelines in textile sector](#)
4. [TSC/N9016: Follow teamwork, adaptability, and communication guidelines in textile sector](#)

Qualification Pack (QP) Parameters

Sector	Textile
Sub-Sector	Handloom & Khadi
Occupation	Weaver
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7318.58

Minimum Educational Qualification & Experience	Basic Literacy and Numeracy with 0-6 Months of experience in Jacquard weaving
Minimum Level of Education for Training in School	9th Class
Pre-Requisite License or Training	NA
Minimum Job Entry Age	16 Years
Last Reviewed On	NA
Next Review Date	NA
NSQC Approval Date	
Version	2.0

TSC/N7308: Undertake pre-weaving activities for jacquard weaving - handloom

Description

This OS unit is about performance criteria, knowledge and understanding and generic skills required for executing necessary techniques to undertake pre-weaving activities such as drafting, denting, filling pirns, preparing the looms and analysing the design.

Scope

The scope covers the following :

- Perform pre-weaving activities
- Interpret the weave design

Elements and Performance Criteria

Perform pre-weaving activities

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

- PC1.** ensure that all tools, equipment and materials are available for the jacquard weaving activity
- PC2.** implement the steps to gait the warp sheets as per the SOP
- PC3.** check shedding, picking and beating arrangements of the loom such as shuttle box condition, shuttle position, shuttle tip, reed condition, heald shafts, heald shaft cords, punch card arrangements, etc.
- PC4.** maintain proper tension of the warp sheet to facilitate weaving by checking the let-off and take-up motions
- PC5.** check that the warp beam is in good condition and is free from cross ends, missing ends, and ends pulling out particularly at the selvedge
- PC6.** ensure that the attached warp is drafted and dented as per the instructions and harness tie up specifications for the given design
- PC7.** calculate the number of shuttles required and keep them ready with properly loaded coloured pirns as per the design specifications
- PC8.** check the availability of filled pirns and warp thrumbs as per the requirements

Interpret the weave design

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

- PC9.** interpret the jacquard design to be woven in terms of design, number of repeats, weft colour usage, etc.
- PC10.** interpret master weaver's work requirements and other weaving related specifications
- PC11.** seek clarification from master weaver in case of doubts in design or specifications
- PC12.** segregate the jacquard punch cards for various designs such as body, pallu, border, blouse, etc.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** guidelines and standards for working
- KU2.** scope of work, responsibility and reporting procedure
- KU3.** method to obtain further information on work related tasks
- KU4.** functions of different parts of the handloom such as beams, jacquard, harnesses or shafts, treadles, reed, punch cards, etc.
- KU5.** different types of fabrics, yarn, count, twist, etc.
- KU6.** jacquard hand loom and jacquard specifications
- KU7.** objectives of take up and let off motions
- KU8.** potential hazards associated with the jacquard handloom preparation and the safety precautions that must be taken
- KU9.** harness tie up methods
- KU10.** working mechanism of hand loom jacquards
- KU11.** types of jacquard weaves and their variations, etc.
- KU12.** different portions of the fabric such as body, border, pallu, blouse, etc.
- KU13.** quality requirements warp and weft package
- KU14.** technical terms associated with the pre-weaving operations
- KU15.** types of tools and equipment used such as shuttles, pirns, etc.
- KU16.** process flow involved in the pre-loom operations
- KU17.** causes for fabric defects due to improper pre-loom activities and defective loom mechanism

Generic Skills (GS)

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

- GS1.** write in local or English language of instructions received from clients or master weaver
- GS2.** read and interpret documents in local or English language
- GS3.** talk effectively to convey information succinctly and unequivocally listen attentively
- GS4.** interpret contractor or clients work requirements and other weaving related specifications correctly plan and organize own work as per timelines and commitments
- GS5.** plan and organize own work as per timelines and commitments
- GS6.** provide opinion on work in a detailed and constructive way

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Perform pre-weaving activities</i>	80	200	-	-
PC1. ensure that all tools, equipment and materials are available for the jacquard weaving activity	-	-	-	-
PC2. implement the steps to gait the warp sheets as per the SOP	-	-	-	-
PC3. check shedding, picking and beating arrangements of the loom such as shuttle box condition, shuttle position, shuttle tip, reed condition, heald shafts, heald shaft cords, punch card arrangements, etc.	-	-	-	-
PC4. maintain proper tension of the warp sheet to facilitate weaving by checking the let-off and take-up motions	-	-	-	-
PC5. check that the warp beam is in good condition and is free from cross ends, missing ends, and ends pulling out particularly at the selvage	-	-	-	-
PC6. ensure that the attached warp is drafted and dented as per the instructions and harness tie up specifications for the given design	-	-	-	-
PC7. calculate the number of shuttles required and keep them ready with properly loaded coloured pirns as per the design specifications	-	-	-	-
PC8. check the availability of filled pirns and warp thumbs as per the requirements	-	-	-	-
<i>Interpret the weave design</i>	20	30	-	-
PC9. interpret the jacquard design to be woven in terms of design, number of repeats, weft colour usage, etc.	-	-	-	-
PC10. interpret master weaver's work requirements and other weaving related specifications	-	-	-	-
PC11. seek clarification from master weaver in case of doubts in design or specifications	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. segregate the jacquard punch cards for various designs such as body, pallu, border, blouse, etc.	-	-	-	-
NOS Total	100	230	-	-

National Occupational Standards (NOS) Parameters

NOS Code	TSC/N7308
NOS Name	Undertake pre-weaving activities for jacquard weaving - handloom
Sector	Textile
Sub-Sector	Handloom & Khadi
Occupation	Weaver
NSQF Level	4
Credits	TBD
Version	2.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	

TSC/N7309: Operate the jacquard handloom

Description

This OS unit is about performance criteria, knowledge and understanding and generic skills required for operating the jacquard loom, mending of warp and weft breaks, and other related work responsibilities while weaving a fabric on a jacquard handloom.

Scope

The scope covers the following :

- Carry out jacquard weaving operations on handloom
- Mend warp and weft breaks
- Maintain quality in jacquard weaving
- Other work responsibilities in jacquard hand loom operation

Elements and Performance Criteria

Operate the jacquard handloom

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

- PC1.** actuate the shedding as per the jacquard design specification
- PC2.** pass the shuttle inside the shed as per the standard technique
- PC3.** perform beating action to lay the newly inserted weft to the fell of the cloth
- PC4.** maintain uniform warp tension across the weaving operation by adjusting the 'let-off' and 'take-up' functions as and when required
- PC5.** adjust the wooden staves' assembly to maintain correct fabric width and place it near the fell of the cloth
- PC6.** change the shuttle as per the jacquard design specifications
- PC7.** weave as per pattern or design repeat

Mend warp and weft breaks

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

- PC8.** identify the broken warp end by standard technique
- PC9.** mend the broken end using weaver's knot using allotted thrums
- PC10.** draw the mended warp yarn through the harness, reed dent as per the prescribed jacquard design drawing and denting order using drawing hook
- PC11.** fix the drawn broken end outside the fell of cloth
- PC12.** take the broken weft out of the shed as per specified procedure
- PC13.** insert shuttle from the broken weft position to continue the weft supply by following standard procedure
- PC14.** check the weft pattern as per the specified design
- PC15.** change the shuttle and shedding pattern repeat as per specified design

Maintain quality in jacquard weaving

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

- PC16.** check that the materials to be used are free from faults and attend to faults, if any

- PC17.** conform to the specified quality standards of weaving
- PC18.** inspect hand-woven fabrics against design specifications
- PC19.** rectify running fabric defects like wrong drawing and denting, missing end, double end, weft breaks, etc.

Other work responsibilities in jacquard handloom operation

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

- PC20.** store the required weft pirns and warp thrumbs in the allocated place
- PC21.** operate the jacquard handloom without weft crack
- PC22.** doff and store the cloth roller as per the SOP
- PC23.** clear the surface damages of the shuttle using specified emery sheet

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** potential hazards associated with the jacquard weaving operation and with the safety precautions
- KU2.** jacquard woven fabric quality requirements
- KU3.** weavability of various yarns such as natural fibres, manmade fibres and blended fibres on jacquard hand looms
- KU4.** various types of looms for woven fabric production
- KU5.** types of shuttles used for handloom woven fabric production
- KU6.** types of emery paper and its usage in handloom weaving place
- KU7.** various types of shedding mechanism and its working principle
- KU8.** jacquard shedding principle
- KU9.** mendable and non-mendable woven fabric defects
- KU10.** different types of weaves such as plain, twill, satin, jacquard designs, etc.
- KU11.** remedies of various types of fabric defects such as weaver oriented, machine oriented, raw material oriented, etc.
- KU12.** tolerance limits for cloth width, Ends Per Inch (EPI), Picks Per Inch (PPI), etc.

Generic Skills (GS)

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

- GS1.** write clear and short sentences in the production record book
- GS2.** communicate with weavers and master weavers as per standard protocol
- GS3.** comprehend written jacquard fabric production instructions
- GS4.** perform basic arithmetical calculations to calculate fabric production, yarn requirements, etc.

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Operate the jacquard handloom</i>	60	140	-	-
PC1. actuate the shedding as per the jacquard design specification	-	-	-	-
PC2. pass the shuttle inside the shed as per the standard technique	-	-	-	-
PC3. perform beating action to lay the newly inserted weft to the fell of the cloth	-	-	-	-
PC4. maintain uniform warp tension across the weaving operation by adjusting the 'let-off' and 'take-up' functions as and when required	-	-	-	-
PC5. adjust the wooden staves' assembly to maintain correct fabric width and place it near the fell of the cloth	-	-	-	-
PC6. change the shuttle as per the jacquard design specifications	-	-	-	-
PC7. weave as per pattern or design repeat	-	-	-	-
<i>Mend warp and weft breaks</i>	20	40	-	-
PC8. identify the broken warp end by standard technique	-	-	-	-
PC9. mend the broken end using weaver's knot using allotted thrums	-	-	-	-
PC10. draw the mended warp yarn through the harness, reed dent as per the prescribed jacquard design drawing and denting order using drawing hook	-	-	-	-
PC11. fix the drawn broken end outside the fell of cloth	-	-	-	-
PC12. take the broken weft out of the shed as per specified procedure	-	-	-	-
PC13. insert shuttle from the broken weft position to continue the weft supply by following standard procedure	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC14. check the weft pattern as per the specified design	-	-	-	-
PC15. change the shuttle and shedding pattern repeat as per specified design	-	-	-	-
<i>Maintain quality in jacquard weaving</i>	10	20	-	-
PC16. check that the materials to be used are free from faults and attend to faults, if any	-	-	-	-
PC17. conform to the specified quality standards of weaving	-	-	-	-
PC18. inspect hand-woven fabrics against design specifications	-	-	-	-
PC19. rectify running fabric defects like wrong drawing and denting, missing end, double end, weft breaks, etc.	-	-	-	-
<i>Other work responsibilities in jacquard handloom operation</i>	10	30	-	-
PC20. store the required weft pirns and warp thrums in the allocated place	-	-	-	-
PC21. operate the jacquard handloom without weft crack	-	-	-	-
PC22. doff and store the cloth roller as per the SOP	-	-	-	-
PC23. clear the surface damages of the shuttle using specified emery sheet	-	-	-	-
NOS Total	100	230	-	-

National Occupational Standards (NOS) Parameters

NOS Code	TSC/N7309
NOS Name	Operate the jacquard handloom
Sector	Textile
Sub-Sector	Handloom & Khadi
Occupation	Weaver
NSQF Level	4
Credits	TBD
Version	2.0
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

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Element/ Performance Criteria (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 Element/ PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.
6. To pass the Qualification Pack assessment, every trainee should score the Recommended Pass % aggregate for the QP.
7. 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/N7308.Undertake pre-weaving activities for jacquard weaving - handloom	100	230	-	-	330	36
TSC/N7309.Operate the jacquard handloom	100	230	-	-	330	36
TSC/N9015.Follow machine, safety, and organizational guidelines in textile sector	65	80	-	50	195	22
TSC/N9016.Follow teamwork, adaptability, and communication guidelines in textile sector	15	20	-	10	45	6
Total	280	560	-	60	900	100

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training
SOP	Standard Operating Procedure
EPI	Ends Per Inch
PPI	Picks Per Inch
ISO	International Organization for Standardization
SA	Standards on Auditing

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.