

NSQF QUALIFICATION FILE

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

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List of documents submitted in support of the Qualifications File

1. Career Map of Jute Beaming Operator- [Annexure1](#)
2. QP TSC/Q2104 - [Annexure 2](#)
3. Skill gap report for Jute sector - [Annexure 3](#)
4. Production for EOI for AA Accreditation of assessment Agencies and Assessment Framework - [Annexure4](#)
5. TP affiliation procedure and norms - [Annexure 5](#)

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Model Curriculum to be added which will include the following:

- Indicative list of tools/equipment to conduct the training
- Trainers qualification
- Lesson Plan
- Distribution of training duration into theory/practical/OJT component

SUMMARY

1	Qualification Title	Jute Beaming Operator
2	Qualification Code, if any	TSC/Q2104
3	NCO code and occupation	NCO- 2011/ 8151.9900
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	This is a Qualification Pack (QP) containing National Occupational Standards for the job role - Jute Beaming Operator The main purpose of the qualification and the target learners is to get unemployed people into work and to upgrade the skills of people already working.
5	Body/bodies which will award the qualification	Textile Sector Skill Council (TSC)
6	Body which will accredit providers to offer courses leading to the qualification	Textile Sector Skill Council (TSC)
7	Whether accreditation/affiliation norms are already in place or not, if applicable (if yes, attach a copy)	The Training Partner affiliation norms are as per the guidelines of PMKVY scheme through SMART portal.  TP affiliation Norms.pdf
8	Occupation(s) to which the qualification gives access	Weaving Preparatory, Jute
9	Job description of the occupation	The Jute Beaming Operator is responsible for production of sized weavers' beam containing a wrapped sheet of parallelised warp yarns of jute from large number of individual spools, according to the number of jute warp yarns and spacing required in cloth as per quality and make the weavers beam ready with jute yarns of desired quality.
10	Licensing requirements	N/A
11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	N/A

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12	Level of the qualification in the NSQF	Level - 4
13	Anticipated volume of training/learning required to complete the qualification	300 hours
14	Indicative list of training tools required to deliver this qualification	Jute textile mill running for at least past 3 years with Jute Beaming machine, Warp Beams, yarn spools, accessories for Jute beaming machine, Trolley and Size cooker and sizing ingredients, provision for maintaining required temperature and water for required size consistency.
15	Entry requirements and/or recommendations and minimum age	Basic Literacy and Numeracy 0-6 Months experience in a Jute Mill as machine operator Minimum Job Entry Age- 18 years
16	Progression from the qualification (Please show Professional and academic progression)	<ul style="list-style-type: none"> - Access to other qualifications at the same NSQF level – Jute Weaver shuttle/shuttle less loom - Access to related qualification(s) at the next NSQF level – Jute Spinning Sardar
17	Arrangements for the Recognition of Prior learning (RPL)	The process and guidelines for RPL will be same as those for Pradhan Mantri Kaushal Vikas Yojana (PMKVY)
18	International comparability were known (research evidence to be provided)	Attempt was made to understand the international standards followed under this Qualification pack. Over 97% of the World's Jute production comes from India and Bangladesh. Bangladesh follows Indian standards. It is important to note that most of the countries who have defined NOS do not have a Jute textile industry. However, numeracy, literacy and basic science levels have been considered during the preparation of NOS in order to match with the existing Indian industry requirements. It is also to be noted that a large section of this industry having fulfilled the stringent export norms, justifies the Standardisation of such a qualification pack. The source of this comparison has been based on the desk research and TSC would undertake evaluation of the same through other relevant methods in due course of time.

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19	Date of Planned Review Of the qualification 09/08/2022		
20	Formal structure of the qualification		
	Mandatory components		
Title of component and identification code/NOSs/Learning outcomes	Estimated size (learning hours)	Level	
TSC/N2112 Taking charge of shift and handing over shift to Jute beaming operator	33	4	
TSC/N2113 Operating the jute beaming machine	50	4	
TSC/N2114 Leasing of jute warp sheet	40	4	
TSC/N2115 Drying jute warp sheet	40	4	
TSC/N9002 Working in a team	32	4	
TSC/N9003 Maintain health, safety and security at workplace	40	4	
TSC/N9009 Maintain work area, tools, material handling equipment and machinery for jute processing	33	4	
TSC/N9010 Comply with industry and organizational requirement in jute sector	32	4	
Sub Total	300		

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SECTION 1

ASSESSMENT

21	<p>Body/Bodies which will carry out assessment:</p> <ol style="list-style-type: none">1. C K Skills Research & Development Pvt. Ltd2. Cindrel Infotech Private Limited3. Cocubes Technologies Pvt Ltd4. Edu Vantage Pvt Ltd5. Eduworld Consultants Pvt. Ltd6. Federation of Indian Woman Entrepreneurs7. FICCI8. Growwell Fincon Services9. Independent Qualitative Assessors Glide Pvt Ltd10. India Skill Pvt Ltd11. Intouch Financial Services Pvt. Ltd.12. Mettl (Induslynk Training Services Pvt Ltd)13. Navriti Technologies (P) ltd.14. PVR Skill Central Pvt. Ltd15. Rohstoffe International Pvt Ltd16. Shiksha Bharti17. Skill Mantra Edutech Consulting India Pvt Ltd18. The Assessors Guild (TAG)19. Trend Setter Skill20. Virtual Education Trust <p>These assessment bodies have been chosen through a transparent process after thorough scrutiny of the credentials presented in response to the RFP. All of them have prior experience of carrying out similar assessment for their SSCs in the past and have presented their assessment methodology that details the assessor identification methodology. The exercise was done by C3A- TSC's technical Committee for Affiliation, Accreditation and Assessment comprising of Industry experts.</p>
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22	<p>How will RPL assessment be managed and who will carry it out? The assessment body shall be responsible for RPL assessment.</p> <p>In RPL, the candidate has acquired the skills and knowledge while working and requires assessment and certification only. RPL is the acknowledgement of skills and knowledge obtained through:</p> <ul style="list-style-type: none">• Formal training• Work experience• Life experience <p>The focus of RPL is the competencies gained from these experiences; not how, when, or where the learning occurred.</p> <p>Process or steps in RPL assessments:</p> <ol style="list-style-type: none">1. Offering RPL to potential candidates2. Providing information to the candidates3. Self-assessment4. Evidence collection5. Assessment and making the decision6. Feedback to the candidates7. Documentation of outcomes
23	<p>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</p> <ol style="list-style-type: none">a) The emphasis is on 'learn-by-doing' and practical demonstration of skills and knowledge based on the performance criteria.b) The assessments papers are developed by Subject Matter Experts (SME) available with the Assessment Agency as per the performances and assessment criteria mentioned in the Qualification Packs.c) The assessments papers are also checked for the various outcome based parameters such as quality, time taken, tools & equipment requirement, etc.d) The assessments are designed so as to assess maximum parts during the practical hands on work. Duties and responsibility of Jute Beaming Operator also assessed. The technical limitations at the training centres are taken care in theory and viva.e) The assessment agencies are instructed to hire qualified and experienced assessors as per TSC's criteria who have integrity, reliability and fairness. Each assessor shall sign a document with its assessment agency by which they commit themselves to comply with the rules of confidentiality and conflict of interest, independence from commercial and other interests that would compromise impartiality of the assessments.f) The assessment agencies are instructed to ideally have assessors with the right mix of industry experience, academia and these are detailed

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in Assessment Agency Protocol of TSC

- g) The assessors selected by Assessment Agencies are scrutinized and made to undergo training and introduction to Assessment Framework, competency-based assessments, assessors guide etc. and they are assessed for Domain and assessment skills. Only those assessors who clears both the assessments with minimum 80% marks in each are permitted to carry out assessments.
- h) The assessors are provided with Assessors guide developed by the Subject Matter Expert of the Assessment Agency or by Textile SSC as per Assessment Framework. The Assessors guides are developed to ensure the maximum possible consistency/transparency in the assessment by different assessors and elaborate on the following:
 - 1. Qualification Pack Structure.
 - 2. Guidance for the assessors to conduct theory, practical and viva assessments.
 - 3. Guidance for trainees to be given by assessor before the start of the assessments.
 - 4. Guidance on assessment process, practical brief with step of operational practical observation checklist Attendance Sheet and mark sheet.
 - 5. Viva guidance for uniformity and consistency across the batch.
 - 6. Guidance on assessment evidence collection.

The assessment results are backed by evidence collected by assessors.

- 1. The assessors need to collect a copy of the attendance sheets for the training done under the scheme. The attendance sheets are signed and stamped by the in charge/ Head of the training centre.
- 2. The assessors need to verify the authenticity of the candidate by checking the photo ID card issued by the institute as well as any one Photo ID card issued by the Central/Government. The same needs to be mentioned in the attendance sheet. In case of suspicion, the assessor should authenticate and cross verify trainee's credential in the enrolment form.
- 3. The assessors need to take a camera to click photograph of the trainees working on the job and giving theory exam as evidence.
- 4. The assessors also need to carry a Photo ID card.
- 5. The assessors also need to take the photographs as evidence from appropriate angles/sides of the final work piece/job submitted by the trainee.
- 6. The details on assessment framework are elaborated in Textile SSC protocol for accreditation of Assessment Agencies and Assessment Framework.

All accredited Assessment Agencies follow the "Textile SSC's protocol for accreditation of Assessment Agencies and Assessment Framework". Each NOS in the Qualification Pack (QP) will be assigned a relative weightage for assessment based on the criticality of the NOS. Therein each Performances Criteria in the NOS will be assigned marks for theory or practical based on relative importance, criticality of function and training infrastructure.

Relevant and recent documents giving further information about assessment and/or RPL.

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1. Format for EOI for AA Accreditation from TSC- Annexure 5
2. Protocol for Accreditation of Assessment Agencies and Assessment Framework – [Annexure 4](#)

ASSESSMENT EVIDENCE

Complete a grid for each component as listed in “Formal structure of the the qualification” in the Summary.

NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – ie Learning Outcomes to be assessed, assessment criteria and the means of assessment.

24. Assessment evidences

Title of Component:

Outcomes to be assessed/NOSs to be assessed	Assessment criteria for the outcome
1.TSC/N2112 Taking charge of shift and handing over shift to Jute beaming operator	PC1.reach at least 10-15 minutes earlier to the work place
	PC2.bring the knives and to check the availability or necessary items like marking chalk, pen etc.
	PC3.meet the previous shift operator and discuss with him/her the problems faced by him with respect to the quality/ production/mechanical problems
	PC4.check the availability of sufficient spool (with identification mark)
	PC5.check the condition of sizing box and the quality of the size paste
	PC6.check the steam trap, steam roller, pipe line of steam (there should not be any leakage of steam) and its insulation, different valves in the steam line
	PC7.ensure correct steam pressure (30-35P.S.I.) as shown in pressure gauge
	PC8.ensure correct functioning of stop motions and safety devices
	PC9.check whether any written instruction for quality change to be carried out
	PC10.check whether the waste collection boxes are empty
	PC11.ensure cleanliness of the machine and the area
	PC12.ensure lubrication as scheduled

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	PC13.hand over the shift to the incoming beaming operator in proper manner and get clearance from the incoming counterpart
	PC14.report to the supervisor and incoming beaming operator if there is any quality change and maintenance work done/or left during his shift
	PC15.reports to supervisor if his counterpart is absent in such a case to handover the shift to his superiors
2.TSC/N2113 Operating the jute beaming machine	PC1.before running the machine, ensure the quality of the beam (with its specification) to be produced
	PC2.ensure that control switches for starting, running and stopping the beaming machine functioning properly
	PC3.operate the beaming machine, with continuous assistance of co-workers/side beamers
	PC4.instruct co-workers/side beamers to check the creel for the no. of spools required as per quality
	PC5.involve side beamers to keep sufficient stock of spools near the machine
	PC6.ensure recommended yarn count of the spool (ask side beamers to follow the colour mark)
	PC7.check the empty beam, clean it and then mount on the beaming machine properly
	PC8.ensure that yarn from spool passes through yarn guides, tensioners, stop motion guide, lease rod, guide reed etc., involve co-workers accordingly
	PC9.count and set the exact number of threads or runners at the start for a particular quality of beam (needed for a specified fabric) and continue frequent checking
	PC10.ensure correct take up of sizing paste by the yarn and squeezing properly, adjust the pressing roller accordingly
	PC11.ensure clean surface of the steam cylinders, correct steam pressure to get proper drying of yarn
	PC12.ensure moisture content (30%-35% for sackings & 18% -22% for hessian) & 1.5-2 % size (TKP) application in beam in consultation with superiors as practiced in jute industry
	PC13.ensure 70%. wet pick-up of size (TKP)
	PC14.check the steam pressure to keep it at 25-35 psi
	PC15.lease the warp yarns properly before doffing full beam
	PC16.put right identification mark for its quality
	PC17.control manually the beam speed to maintain right yarn tension in jute beaming machine, clean the

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	<p>machine and to lubricate the machine periodically as a part of total productive maintenance</p> <p>PC18.clean the reeds, sow-box and cylinder surface periodically and as whenever necessary</p>
	<p>PC19.segregate the wastes collected and to deposit at the waste bins</p> <p>PC20.clean and to maintain second guide reed and guide roller in good condition after starch roller</p> <p>PC21.support the mechanic during maintenance activities</p> <p>PC22.check and maintain friction plate in working condition</p> <p>PC23.mount the spools carefully so that they rotate freely on the creel</p> <p>PC24.align the warp yarns on the extreme selvedge so that these warp yarns do not fall on flanges or wrap over the flanges</p> <p>PC25.Carry out and handle of spools and full beam</p> <p>PC26.ensure the use of proper material handling tools and equipment</p> <p>PC27.ensure man and machine safety while operating the beaming machine, and keep the working place (floor) clean i.e. free from any unwanted elements like spool centre, thread waste, broken machine parts etc.</p> <p>PC28.ensure small knot while joining a broken ends/replacing a empty spool</p>
3.TSC/N2114 Leasing of jute warp sheet	<p>PC1.check the right passage of yarn through lease rod</p> <p>PC2.lease the warp yarns properly before doffing full beam</p> <p>PC3.use proper group knotting</p> <p>PC4.protect the cut ends of warp sheet by pasting a tape on the upper surface of the beam</p> <p>PC5.ensure unlocking of the beam, doffing carefully</p>
4.TSC/N2115 Drying jute warp sheet	<p>PC1.check the availability of steam</p> <p>PC2.check and ensure the steam pressure of the steam cylinder at 25-35 psi</p> <p>PC3.check the smooth running of steam roller</p> <p>PC4.check the cleanliness of the surface of the steam roller</p> <p>PC5.ensure adequate squeezing of size take up</p> <p>PC6.ensure the proper functioning of the pressing roller</p> <p>PC7.ensure that, there should not be any leakage, refer the problem to the concerned persons</p> <p>PC8.clear the condensate deposit in the steam roller</p>

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	PC9.check the steam trap
	PC10.check the steam pipe line
	PC11.check the pipe line insulation of the pipe line
5.TSC/N9009Maintain work area, tools, material handling equipment and machinery for jute processing	PC1.maintain personal hygiene and human safety, machine safety and specific dress code
	PC2.carefully handle raw jute, slivers of jute, jute yarns and fabrics to minimize wastage
	PC3.carefully handle all tools such as hand root cutter, circular blade motorized root cutter, chopper, wooden block, bale hook, rope cutter, picking hook, brooms etc.
	PC4.carefully handle moisture meter
	PC5.carefully handle weigh machine,
	PC6.use proper mechanical handling equipment for lifting and handling jute and other materials
	PC7.keep all waste jute materials in a specified place for further processing
	PC8.maintain a clean and hazard free working area, keeping floors free from all encumbrances
	PC9.maintain tools and equipment being used for jute processing
	PC10.carry out scheduled running maintenance like shift-wise cleaning and oiling in respective jute processing machinery
	PC11.report to supervisor for any abnormal sound, from any machine for jute processing
	PC12.report to supervisor all anomalies and unsafe conditions of equipment and other unprecedented occurrences
	PC13.ensure that the doors and covers for gear side/ belt side of the jute machinery are kept properly closed and all machine guards are in appropriate place
	PC14.ensure that standing place in working position are free from all encumbrances, to maintain correct posture of working/sitting/standing during working in respective jute processing machinery
	PC15.use appropriate cleaning equipment like knife, brooms, pliers, screw driver etc. and follow appropriate cleaning methods for the work to be carried out in particular jute processing machine
	PC16.stack/dispose jute fibre/sliver/yarn waste safely in the designated location/place/bag to help usage of all wastages for further processing

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	PC17.store all gadgets, tools and cleaning equipment safely after their use in designated place after cleaning them properly
	PC18.carry out cleaning and minor/small maintenance jobs for each jute processing machine as per schedule within limits of specific responsibility, as instructed
6.TSC/N9002 Working in a team	PC1.be accountable to the own role in whole process
	PC2.perform all roles with full responsibility
	PC3.be effective and efficient at workplace
	PC4.properly communicate about company policies
	PC5.report all problems faced during the process
	PC6.talk politely with other team members and colleagues
	PC7.submit daily report of own performance
	PC8.adjust in different work situations
	PC9.give due importance to others' point of view
	PC10.avoid conflicting situations
	PC11.develop new ideas for work procedures
	PC12.improve upon the existing techniques to increase process efficiency
7.TSC/N9003 Maintain health, safety and security at workplace	PC1.comply with health and safety related instructions applicable to the workplace
	PC2.use and maintain personal protective equipment such as "ear plug", " nose mask", "head cap" etc., as per protocol
	PC3.carry out own activities in line with approved guidelines and procedures
	PC4.maintain a healthy lifestyle and guard against dependency on intoxicants
	PC5.follow environment management system related procedures
	PC6.identify and correct (if possible) malfunctions in machinery and equipment
	PC7.report any service malfunctions that cannot be rectified
	PC8.store materials and equipment in line with organisational requirements
	PC9.safely handle and remove waste
	PC10.minimize health and safety risks to self and others due to own actions

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	PC11.seek clarifications, from supervisors or other authorized personnel in case of perceived risks
	PC12.monitor the workplace and work processes for potential risks and threat
	PC13.carry out periodic walk-through to keep work area free from all hazards and obstruction.
	PC14.report hazards and potential risks/ threats to supervisors or other authorized personnel
	PC15.participate in mock drills/ evacuation procedures organized at the workplace
	PC16.undertake first aid, fire-fighting and emergency response training, if asked to do so
	PC17.take action based on instructions in the event of fire, emergencies or accidents
	PC18.follow organisation procedures for shutdown and evacuation when required
	PC19.identify different kinds of possible hazards (environmental, personal, ergonomic, chemical) of the industry
	PC20.recognise other possible security issues existing in the workplace
	PC21.recognise different measures to curb the hazards
	PC22.communicate the safety plan to everyone and
	PC23.attach disciplinary rules with the implementation
8.TSC/N9010 Comply with industry and organizational requirement in jute sector	PC1.perform assigned duties effectively section- wise / machine- wise
	PC2.take full responsibility for desired performance
	PC3.be accountable towards the job role and assigned duties
	PC4.report any anomalies found in the section / machinery to the Sardar (Jobber) or Supervisors
	PC5.take drive on self-learning for improving efficiency
	PC6.co-ordinate with all the team members and colleagues
	PC7.communicate politely
	PC8.avoid conflicts and miscommunication
	PC9.take part in Quality Circle activity to discuss process and innovative ideas in Quality Circle
	PC10.take all initiative to achieve organisational norms for processing of yarn and fabrics of jute and to motivate all other fellow workers to follow them

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	<p>PC11.implement the collection of wastage in a proper method (as instructed) for further processing</p> <p>PC12.follow specific environmental regulation for jute industry</p> <p>PC13.keep area of work and machine clean</p>
Means of assessment 1	<p>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 and Skills Practical for each PC.</p> <p>The assessment for the theory part will be based on knowledge bank of questions created by the SSC with the help of Assessment Agencies.</p> <p>Individual assessment agencies will create unique question papers for theory part for each candidate at each examination / training centre (as per assessment criteria given in each QP). Wherever the candidate is not educated enough to go for TAB based or Pen and paper assessments, questions maybe asked verbally and answers are to be marked by assessor.</p> <p>Individual assessment agencies will create unique evaluations for skill practical for every student at each Examination / training centre based on the assessment criteria given in each QP.</p>
Means of assessment 2	N.A.
Pass/Fail by the funding scheme.	<p>To pass the Qualification Pack, every trainee should Score a minimum of 70% aggregate or as specified</p> <p>In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.</p> <div style="text-align: center;">  <p>Certificate Template.pdf</p> </div>

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SECTION 2

25. EVIDENCE OF LEVEL

Title/Name of qualification/Component: Jute Beaming Operator		Level : 4	
NSQF Domain	Outcomes of the Qualification/ Component	How the outcomes relates to the NSQF Level descriptors	NSQF Level
Process	<p><u>Work is familiar, predictable, routine and situation of clear choice:</u></p> <ul style="list-style-type: none"> • bring the necessary operational tools to the department • check the cleanliness of the machines & other work areas • check whether any spare/raw material/ tool / yarn/ any other material are thrown under the machines or in the other work areas • patrol around the machine to observe any abnormal sound, bring the same to the knowledge of his/ her superior • ensure the machines & other work area is neat & clean • report to His/ Her Superior about the quality / safety issues/ any other issue faced and should leave the department only after getting concurrence for the same from His/ Her superiors • mount empty beam on the beaming machine properly 	<p>A Beaming operator gets work allotted by his supervisor and is responsible for maintaining the Beaming efficiently so as to get maximum output with minimum defects, with less cost of production giving due importance to safety and environmental aspects. He works in familiar, work environment with predictable routine work of a typical Jute mill. The tasks are predictable, routine and situations of clear choice like yarn mending, spool feeding, size paste preparation, creeling of yarn, doffing, leasing, lease reed denting etc. and attending all other minor defects on the machine for smooth running of the machine. This operator knows about the causes that may result in machine faults and carries out routine cleaning and maintenance of the machine within his limits of responsibility to ensure that quality and productivity is maintained. For routine work, the choices are clears. For unprecedented situations, he has to report to the supervisor.</p>	4

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	<ul style="list-style-type: none"> • unload empty pre-beam and load • full pre-beam (in case of pre-beam feed machine) • replace empty spools and missing ends by supplying new spools • mend/ join broken ends by proper knotting • clean the machine and to lubricate the machine periodically, by a beaming operator as a part of total productive maintenance • clean the reeds, sow-box and cylinder surface periodically as and when necessary • segregate the wastes collected and deposit at the waste bins • support the mechanic while carryout cleaning maintenance activities 	<p>Hence NSQF Level is 4</p>	
<p>Professional Knowledge</p>	<p><u>Factual knowledge of the field of knowledge or study:</u></p> <ul style="list-style-type: none"> • the Organization's Policies & Standard Operating Procedures (SOP) • potential hazards associated with the machines and the safety precautions that must be taken • work targets & review with superiors • minimum quality requirements of the product with respect to permissible/non-permissible defects • documentation and reporting formats • knots in the warp-yarns should be tight with short tails, during joining of ends • effects of contamination on products i.e. machine oil, dirt, foreign materials 	<p>A Beaming operator should have the Factual knowledge about Standard Operating Procedures with respect to process flow and material flow and safety standards in a typical jute mill. He should also know the causes of beaming defects incurred due to man and machine faults. Importance of Beam quality, safety mechanisms of the machines, stop motions and indication lamps.</p> <p>Hence NSQF Level is 4</p>	<p>4</p>

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	<ul style="list-style-type: none"> • process flow in a textile mill and the concerned workers • material flow in a textile mill and the required person • potential accidents and emergencies and response to these scenarios • ill-effects of alcohol, tobacco and drugs 		
Professional Skill	<p><u>Recall and demonstrate practical skill, routine and repetitive in narrow range of application using appropriate rule and tool, using quality concepts:</u></p> <ul style="list-style-type: none"> • bring the necessary operational tools to the department • meet the previous shift operator and discuss with him/ her regarding the issues faced by them with respect to the quality, production, spare, safety or any other specific instruction etc. • check whether any spare/raw material/ tool / yarn/ any other materials are thrown under the machines or in the other work areas • patrol around the machine to observe any abnormal sound, bring the same to the knowledge of his/ her superior • assure supply of empty beam and to check empty beam properly before mounting it on the beaming machine • mount empty beam on the beaming machine properly • start the machine, as well as beaming operation by hand/winding few turns for proper setting and 	<p>A Jute Beaming operator <i>recall and demonstrate practical skills taking</i> charge and handing over of the shift, patrolling the machine and for ensuring quality production. <i>He should be able to recall and demonstrate/perform demonstrate practical skills for routine tasks</i> like doffing full beams and filling the empty beams, operating the machine, replacing the empty spools with full spools, mend broken ends, cleaning the machine, segregate the waste using appropriate tools and quality concepts. The tasks will be <i>routine, repetitive and in a narrow range.</i></p> <p>In case of unexpected fault while beaming operation and he will report to the shift supervisor.</p> <p>Hence NSQF Level is 4</p>	4

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	<p>then to adjust the pressure of pressing roller on beam</p> <ul style="list-style-type: none"> • replace empty spools and missing ends by supplying new spools • mend/ join broken ends by proper knotting • clean the machine and to lubricate the machine periodically, by a beaming operator as a part of total productive maintenance • segregate the wastes collected and deposit at the waste bins • doff the full beam, put right identification mark for its quality and note the correct weight 		
Core Skill	<p><u>Language to communicate written or oral, with required clarity, skill to basic arithmetic and algebraic principles:</u></p> <ul style="list-style-type: none"> • write clear and short sentences • read and comprehend written instructions • communicate with supervisor appropriately • talk to others to convey information effectively • seek clarification on problems from others • count and correctly set the exact number of threads or runners at the start for a particular quality of beam (needed for a specified fabric) and continue frequent checking • check thoroughly the condition, settings, speed • communicate effectively in simple language • talk politely with other team members and colleagues • write daily work report • write grievance complaint application 	<p>A Beaming operator writes clear and short sentences in local/regional language, makes daily work report, writes grievance complaint application, comprehends written instructions, and communicates with the supervisor appropriately and with others to convey information effectively. He Applies basic arithmetic and algebraic functions count and correctly sets the exact number of threads or runners at the start for a particular quality of beam (needed for a specified fabric) and continue frequent checking. He performs basic maintenance required during the production process for quality and uninterrupted output within the limits of his own responsibility He comprehends the regulations, natural, social and political environment of a typical Jute Mill and</p>	4

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		Hence NSQF Level is 4	
Responsibility	<p><u>Responsibility for own work and learning:</u></p> <ul style="list-style-type: none"> • bring the necessary operational tools to the department • check the cleanliness of the machines & other work areas • patrol around the machine to observe any abnormal sound, bring the same to the knowledge of his/ her superior • ensure the machines & other work area is neat & clean • check your work is complete and free from errors • carry out maintenance and/ or cleaning according to schedules and limits of responsibility • mount empty beam on the beaming machine properly • start the machine, as well as beaming operation by hand/winding few turns for proper setting and then to adjust the pressure of pressing roller on beam • clean the machine and to lubricate the machine periodically, by a beaming operator as a part of total productive maintenance • support the fitter for carrying out maintenance activities • perform all roles with full responsibility • be accountable to the own role in whole process 	<p>A Beaming operator takes charge of the shift after discussing in detail the issues faced with respect to the quality, production and safety, reports to his shift superior, maintaining work area, tools and machines and contributes in making the workplace healthy, safe and secure and follows the industry & organizational compliance. He is responsible for his own work and learning.</p> <p>Hence NSQF Level is 4</p>	4

NSQF QUALIFICATION FILE

	<ul style="list-style-type: none">• report all problems faced during the process		
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NSQF QUALIFICATION FILE

SECTION 3

EVIDENCE OF NEED

26	What evidence is there that the qualification is needed? What estimate uptake of this qualification and what is the basis of this estimate?		
	Basis	In case of SSC	In case of other Awarding Bodies (Institutes under Central Ministries and states departments)
	Need of the Qualification	<p>The percentage requirement of skilled manpower requirement and the available man power requirement in the leading jute mills are attached below,</p>  <p>Interaction with Stake Holder.pdf</p>	<p>The Qualification Pack approval letter from Indian Jute Mills Association and Jute Commissioner is given below,</p>  <p>QP Approval Letter from Office of IJMA</p>
	Industry Relevance	<p>Validations for the QP development given below,</p>  <p>Checking of QPs for jute mill workers.pdf</p>	<p>The Institute of Jute Technology engaged for QP development, curriculum and content preparation is given in the TSC Technical Committee meeting.</p>  <p>Approval of NOS Sub committee on N</p>
	Usage of the qualification	No existing qualification available	No existing qualification available

NSQF QUALIFICATION FILE

	Estimated uptake	The Skill Gap report for Textile sector given in Annexure 3 . It says 2 million works engaged in Jute Organized mill sector job	
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27	<p>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences</p> <p style="text-align: center;">  Recommendation of TSCs NOS-Qps.pdf </p>
28	<p>What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification</p> <p>QPs for Job Roles of various related SSC's and courses on NQR proposed by line ministry were studied to ensure that there is no duplicity</p>
29	<p>What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here</p> <p>The comments, feedback and suggestions were collected through interaction with industry during September 15 to April 16. The same has been complied and justifiable change has been incorporated be incorporated in this version of the QP. This QP is also set to be revised by 09th August 2022.</p>

Relevant and recent documents giving further information about the topic.

NSQF QUALIFICATION FILE

SECTION 4

EVIDENCE OF PROGRESSION

30	<p>What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?</p> <p>Show the career map here to reflect the clear progression</p> <p>Please refer to attached career path as per Annexure 1 which clearly defines the career path.</p>
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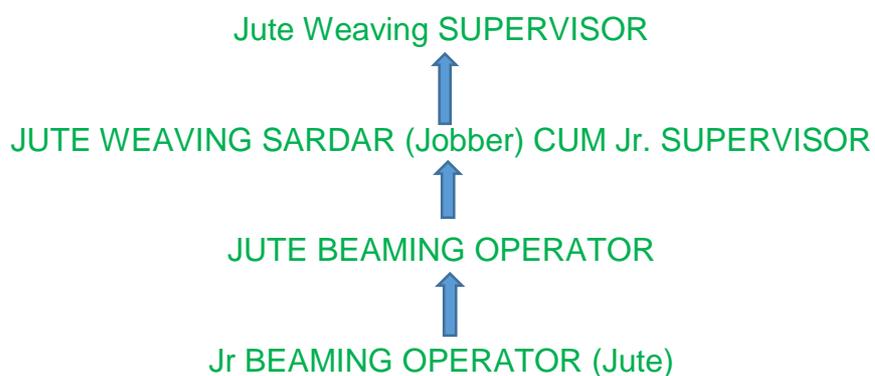
Most Relevant and recent documents giving further information about the topic.

NSQF QUALIFICATION FILE

Annexure 1

Career Map

The Career Progression would be as follows:



Annexure 2

QP Name – Jute Beaming Operator



TSCQ2104_Jute
Beaming Operator_\"

QP reference ID- TSC/Q 2104(click on the icon to view the QP)

Annexure 3

Click the link - Skill Requirements in Jute Sector.



Jute Skill Gap
report.pdf

Skill gap report for Jute Sector

Annexure 4

**Click on the icon to view – Protocol-for-Accreditation-of-Assessment-
Agencies-and-
Assessment-Framework**



protocol.pdf

Annexure 5

TP affiliation procedure and norms



TP affiliation
Norms.pdf