

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

NSDA Reference

To be added by NSDA

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

Textile Sector Skill Council (TSC)

Address: 15th Floor, Nirmal Tower,

26, Barakhamba Road,

New Delhi - 110001

Tel: 011-23325012

Name and contact details of individual dealing with the submission

Name: Dr. Swapna Mishra

Position in the organisation: Director

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List of documents submitted in support of the Qualifications File

1. Career Map/ Progression of Ikkat Artisan - [Annexure 1](#)
2. QP TSC/Q7404– [Annexure 2](#)
3. NSDC report on Human Resource and Skill Requirements in Textiles Sector – [Annexure 3](#)
4. Protocol for Accreditation of Assessment Agencies and Assessment Framework – [Annexure 4](#)
5. Format for EOI for AA Accreditation from TSC - [Annexure 5](#)

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SUMMARY

Qualification Title	Ikkat Artisan
Qualification Code	TSC/Q7404
Nature and purpose of the qualification	<p>This is a Qualification Pack (QP) containing National Occupational Standards for the job role - Ikkat Artisan</p> <p>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 in work.</p>
Body/bodies which will award the qualification	Textile Sector Skill Council (Textile SSC)
Body which will accredit providers to offer courses leading to the qualification	Textile Sector Skill Council (Textile SSC)
Body/bodies which will carry out assessment of learners	<ul style="list-style-type: none"> • The Assessors Guilds • Cindrel Infotech Private Limited • Intouch Financial Services Pvt Ltd • PVR Skill Central Pvt Ltd.
Occupation(s) to which the qualification gives access	Designing, Dyeing & Weaving
Licensing requirements	N/A
Level of the qualification in the NSQF	Level - 4
Anticipated volume of training/learning required to complete the qualification	300hours
Entry requirements and/or recommendations	<p>Minimum Educational Qualifications - 5th Standard pass, preferably</p> <p>Experience–Not applicable</p> <p>Minimum Job Entry Age- 16 years</p>
Progression from the qualification	<p>This entry should refer to one or more of the following:</p> <ul style="list-style-type: none"> - access to other qualifications at the same NSQF level - NA - access to related qualification(s) at the next NSQF level- Master Weaver to Handloom Entrepreneur(Annexure 1)
Planned arrangements for the Recognition of Prior learning (RPL)	<p>Textile SSC is working along with Handloom industry for skill profiling of the existing work force in the industry. Arrangements and process guidelines are under development.</p> <p>The process and guidelines will take time to evolve and will incorporate NSDC guidelines on RPL.</p>
International comparability where known	Not yet established
Date of planned review of the qualification.	03/05/19

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Formal structure of the qualification			
Title of component and identification code.	Mandatory/O ptional	Estimated size (learning hours)	Level
TSC/Q7404 Design and dye yarn bunch for ikkat weaving	M	45	4
TSC/Q7405 Carry out pre-weaving activities for ikkat weaving	M	40	4
TSC/Q7406 Operate the loom to produce ikkat fabric	M	45	4
TSC/Q7407 Contribute to achieve quality in ikkat weaving	M	25	4
TSC/N9005 Maintain work area and tools in handloom sector	M	35	4
TSC/N9006 Work in a team in handloom sector	M	35	4
TSC/N9007 Maintain health, safety and security at work place in handloom sector	M	40	4
TSC/N9008 Comply with work place requirements in handloom sector	M	35	4

Please attach any document giving further detail about the structure of the qualification – e.g. a Curriculum Document or a Qualification Pack.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

1. QP TSC/Q7404– [Annexure 2](#)

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SECTION 1

ASSESSMENT

Body/Bodies which will carry out assessment:

If there will be more than one assessment body for this qualification, give details.

- The Assessors Guilds
- Cindrel Infotech Private Limited
- Intouch Financial Services Pvt. Ltd.
- PVR Skill Central Pvt. Ltd.

How will RPL assessment be managed and who will carry it out?

Give details of how RPL assessment for the qualification will be carried out and quality assured.

Yes, the assessment body shall be responsible for RPL assessment.

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:

- formal training
- work experience
- life experiences

The focus of RPL is the competence gained from these experiences; not how, when or where the learning occurred.

Process or steps in RPL assessments

1. Offering RPL to potential candidates
2. Providing information to the candidate
3. Self-assessment
4. Evidence collation
5. Assessment and making the decision
6. Feedback to the candidate
7. Documentation of outcomes

Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of the NSQF:

- a) The emphasis is on 'learning-by-doing' and practical demonstration of skills and knowledge based on the performance criteria.
- b) The assessment papers are developed by Subject Matter Experts (SME) available with the Assessment Agency as per the performance 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, precision, 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 a packing checker are also assessed. The technical limitations at the training centres are taken care in theory and viva.
- e) The assessment agencies are instructed to hire assessors with 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 assessor with right mix of industry experience, academia and these are detailed in Assessment Agency Protocol.
- 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.
- h) The assessors are provided with assessor's guide developed by the Subject Matter Expert of the

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assessment agency or by TSC as per the assessment framework. The assessment 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 assessor 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 assessments process, practical brief with steps of operations 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 evidences collected by assessors

1. The assessor needs to collect a copy of the attendance 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 assessor needs 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 credentials in the enrolment form.
3. The assessor needs to take a photograph of all the students along with the centre name/ banner at the back as evidence.
4. The assessor needs to carry a camera to click photograph of the trainees working on the job and giving theory exam as evidence.
5. The assessor also needs to carry a photo ID card.
6. The assessor also needs to take the photographs as evidence from appropriate angles/ sides of the final work piece/job submitted by the trainee.
7. The details on assessment framework are elaborated in TSC Protocol for Accreditation of Assessment Agencies and Assessment Framework.

All accredited Assessment Agency follow the "TSC 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 Performance Criteria in the NOS will be assigned marks for or practical based on relative importance, criticality of function and training infrastructure.

Please attach any documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

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

ASSESSMENT EVIDENCE

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

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

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CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role: Ikkat Artisan

Qualification Pack: TSC/Q7404

Sector Skill Council: Textile Sector Skill Council

Guidelines for Assessment:

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each 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 this criterion.
6. To pass the Qualification Pack, every trainee should score a minimum of 70% in aggregate marks to successfully clear the assessment
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Title of Component:

Total Marks : 906	Compulsory NOS			Marks Allocation	
Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
1.TSC/N7404 Design and dye yarn bunch for ikkat weaving	PC1. create/collect design on the graph paper as per imagination/market trend and different products of ikkat weaving		10	3	7
	PC2. develop single or multi-colour dyeing design		10	3	7
	PC3. select from various types of fabric as per requirement		10	3	7
	PC4. prepare the required number of warp/weft yarn bunch based on design requirement		15	5	10
	PC5. spread the warp yarn with lease in horizontal manner by holding both the ends, and ensure the yarn bunch does not touch the floor		10	3	7
	PC6. set distance between the wooden block		10	3	7

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Total Marks : 906	Compulsory NOS			Marks Allocation	
Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
	for weft yarn spreading	200			
	PC7. spread the weft yarn with lease between the wooden board		10	3	7
	PC8. mark the design using Sketch/Pen over the yarn bunch based on design repeat		15	4	11
	PC9. mark for reference lines on both sides of yarn bunch in case of weft yarn		10	3	7
	PC10. select and tie the warp/weft threads with rubber as per the markings made on yarn bunch		10	3	7
	PC11. carry out pre-dyeing operation of the silk/cotton yarns using appropriate materials		10	3	7
	PC12. identify different types of dyes depending upon the types of yarns		10	3	7
	PC13. wet the yarn bunch and dye the warp/weft threads using tie & dye technique to create the desired pattern		10	3	7
	PC14. carry out the dyeing process in sequence based on number of colors need to be dyed		10	3	7
	PC15. wash the threads after dyeing and allow it for air dry		10	3	7
	PC16. bundle and treat the threads with suitable chemicals if the fastness of the colour needs to be improved		10	3	7
	PC17. re-wound the warp yarn in sectional warping drum to produce weavers beam		10	3	7
	PC18. re-wound the weft yarn in Wrap reel and convert it into hank form to produce pirn		10	3	7
	PC19. segregate the yarn as per design to be woven	10	3	7	
		Total	200	60	140

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Total Marks : 906	Compulsory NOS			Marks Allocation	
Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
2.TSC/N7405 Carry out pre-weaving activities for ikkat weaving	PC1. gait the warp sheet properly and keep the warp sheet in proper tension	200	25	5	20
	PC2. adjust the shedding pedals, picking ropes for proper tightness and beat up sley for proper working		10	4	6
	PC3. adjust correct dead weight for warp beam and correct gear wheel for take-up teeth		10	4	6
	PC4. check the condition of the warp beam, for cross ends, ends pulling out particularly at the selvedge		10	4	6
	PC5. check the cleanliness of the machines and other work areas		10	4	6
	PC6. ensure any spare/raw material/ tool / fabric/ any other material are thrown under the machines or in the other work areas		10	4	6
	PC7. ensure that the attached warp is drafted and dented as per the instructions and design specifications provided		15	6	9
	PC8. keep the number of shuttles required ready in good condition and its loading with proper color of pirns		15	5	10
	PC9. check the availability of the filled pirns and the condition of the same		10	4	6
	PC10. check the tip of shuttle		10	4	6
	PC11. attach the free end of warp with cloth beam properly		15	5	10
	PC12. read the given design		15	6	9
	PC13. analyze and interpret the given design (plain or its variations) which needs to be woven		20	5	15
	PC14. place the filled pirns according to the order of the design in case of weft way ikkat design		15	5	10
	PC15. place the filled pirns in the shuttle properly		10	3	7

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Total Marks : 906	Compulsory NOS			Marks Allocation	
Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
		Total	200	68	132
3.TSC/N7406 Operate the loom to produce ikkat fabric	PC1. carry-out the primary weaving operations such as shedding, picking, beating, etc	200	20	5	15
	PC2. carry-out the secondary weaving operation like take-up and let-off		20	5	15
	PC3. carry out the auxiliary weaving operation like temple motion, shuttle changing, etc.		20	5	15
	PC4. refer and follow the specifications given by Master weaver in case of any doubt		10	3	7
	PC5. use the correct tools and materials		10	3	7
	PC6. ensure that proper tension on warp is maintained		10	3	7
	PC7. check that the materials to be used are free from faults, in case of any, repair faults		10	3	7
	PC8. conform to the specified quality standards of weaving		10	3	7
	PC9. identify any damaged work and rectify it		10	3	7
	PC10. leave the work area safe and secure when work is complete free from hazards		10	3	7
	PC11. attend for warp breaks and draw ends through herald wires and reed based on fabric structure.		15	4	11
	PC12. attend for weft breaks, and match with the exact continuous repeat in case of weft way ikkat design		15	4	11
	PC13. ensure the reference mark made on weft bunch on both sides must coincide with each pick.		10	3	7
	PC14. match the each pick by hand in case of deviation occurred while pick insertion		10	3	7
	PC15. ensure the correct order of weft pirn is used while refilling		10	3	7

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Total Marks : 906	Compulsory NOS			Marks Allocation	
Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
	PC16. use different color of weft pirn wherever necessary based on instruction given		10	3	7
		Total	200	56	144
4.TSC/N7407 Contribute to achieve quality in ikkat weaving	PC1.identify and use raw materials as per the specifications provided	50	5	2	3
	PC2.identify faulty materials and component parts and get it rectified		10	3	7
	PC3.make adjustments promptly to ensure the hand-woven fabric matches the specification		10	3	7
	PC4.carry out work safely and at a rate which maintains required work flow		5	2	3
	PC5.carry out quality checks at specified intervals according to specifications		5	2	3
	PC6.apply the allowed tolerances		5	2	3
	PC7.identify materials and components which can cause crease, stain, damage		5	2	3
	PC8. ensure the correct order of dyed material is used as weft feed material		5	2	3
		Total	50	20	30
5.TSC/N9005 Maintain work area and tools in handloom sector	PC1. handle materials and tools safely and correctly	50	5	2	3
	PC2. use correct lifting and handling procedures		3	1	2
	PC3. use materials in a manner to minimize waste		3	1	2
	PC4. maintain a clean and hazard free working area		3	1	2
	PC5. maintain the tools and equipment used for winding		5	2	3
	PC6. carry out maintenance and/or cleaning within one's responsibility		5	2	3

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Total Marks : 906	Compulsory NOS			Marks Allocation	
Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
	PC7. identify damaged tools and materials and take action according to the standards followed		5	2	3
	PC8. ensure that the correct tools and yarn required are in place		3	1	2
	PC9. work in the correct posture		3	1	2
	PC10. use cleaning equipment and methods appropriate for the work to be carried out		3	1	2
	PC11. dispose of waste safely in the designated location		4	2	2
	PC12. store cleaning equipment safely after use		3	1	2
	PC13. carry out cleaning according to schedule and limits of responsibility		5	2	3
		Total	50	19	31
6.TSC/N9006 Working in a team in handloom sector	PC1. perform own duties effectively	50	5	2	3
	PC2. take responsibility for own actions		5	2	3
	PC3. be accountable towards the job role and assigned duties		5	2	3
	PC4. take initiative and innovate the existing methods		3	1	2
	PC5. focus on self-learning and improvement		5	2	3
	PC6. co-ordinate with all team members and colleagues		5	2	3
	PC7. communicate politely		5	2	3
	PC8. avoid conflicts and miscommunication		5	2	3
	PC9. know the organizational standards		5	2	3
	PC10. implement them in your performance		5	2	3
	PC11. motivate others to follow them		2	1	1
		Total	50	20	30

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Total Marks : 906	Compulsory NOS			Marks Allocation	
Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
7.TSC/N9007 Maintain health, safety and security at work place in handloom sector	PC1. comply with health and safety related instructions applicable to the workplace	100	6	2	4
	PC2. use and maintain personal protective equipment as per protocol		6	2	4
	PC3. carry out own activities in line with approved guidelines and procedures		4	1	3
	PC4. maintain a healthy lifestyle and guard against dependency on intoxicants		4	1	3
	PC5. follow environment management system related procedures		4	1	3
	PC6. store materials and tools in line with manufacturer's and Cooperative Society/NGO/SHG requirements		4	2	2
	PC7. safely handle and move waste and debris		4	2	2
	PC8. minimize health and safety risks to self and others due to own actions		6	2	4
	PC9. monitor the work place and work processes for potential risks and threats		6	2	4
	PC10. carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned		6	2	4
	PC11. participate in mock drills/ evacuation procedures organized at the workplace		4	2	2
	PC12. undertake first aid, fire-fighting and emergency response training, if asked to do so		6	2	4
	PC13. take action based on instructions in the event of fire, emergencies or accidents		6	2	4
	PC14. follow Cooperative Society/NGO/SHG procedures for evacuation when required		4	1	3
	PC15. identify different kinds of possible hazards (environmental, personal, ergonomic and chemical) of the industry		4	1	3
	PC16. recognize other possible security issues		4	1	3

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Total Marks : 906	Compulsory NOS			Marks Allocation	
Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
	existing in the workplace				
	PC17. plan the safety techniques		5	2	3
	PC18. recognize different measures to curb the hazards		4	1	3
	PC19. implement the programs		5	2	3
	PC20. communicate the safety plans to everyone		4	1	3
	PC21. attach disciplinary rules with the implementation		4	1	3
		Total	100	33	67
8.TSC/N9008 Comply with work place requirements in handloom sector	PC1. be accountable to one's own role in the whole process		6	2	4
	PC2. perform all roles with full responsibility		5	1	4
	PC3. be effective and efficient at workplace		4	2	2
	PC4. properly communicate about work place policies		5	2	3
	PC5. talk politely with other team members and colleagues		5	2	3
	PC6. submit daily report of own performance		6	2	4
	PC7. adjust in different work situations		5	2	3
	PC8. give due importance to others' point of view		5	2	3
	PC9. avoid conflicting situations		5	2	3
	PC10. improve upon the existing techniques to increase process efficiency		4	2	2
		Total	50	19	31
	Total		906	33%	67%

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Means of assessment 1

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

Means of assessment 2

[Add boxes as required.](#)

Pass/Fail

To pass the Qualification Pack, every trainee should score a minimum of 50% in aggregate.

The marks are allocated PC wise, however, every NOS will carry a weightage in the total marks allocated to the specific QP.

SECTION 2

EVIDENCE OF LEVEL

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OPTION A

Title/Name of qualification/component:		Level:	
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
Process			
Professional knowledge			
Professional skill			
Core skill			
Responsibility			

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OPTION B

Title/Name of qualification/component: Ikkat Artisan		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
Process	<p><u>Work in familiar, predictable, routine, situation of clear choice:</u></p> <ul style="list-style-type: none"> • select material from various types of fabric as per requirement Types: Cotton, silk, etc. • select and tie the warp/weft threads with rubber strands/ cotton threads as per the design • identify different types of dyes Types: Silk, natural, reactive, etc. • wash the excess dye with cold water and air dry the yarn threads under the shades • check the shedding, picking and beating mechanisms • check the let-off and take-up mechanisms • ensure that the attached warp is drafted and dented as per the instructions and design specifications provided • check the condition of the warp beam, for cross ends, ends pulling out particularly at the selvage • check the cleanliness of the machines and other work areas • check the availability of the filled pirns and the condition of the same • check the tip of the shuttle • ensure that proper tension on warp is maintained • check that the materials to be used are free from faults, in case of any, repair fault • identify any damaged work and rectify it 	<p>As mentioned in the various performance criteria mentioned in the previous cell, the Ikkat Artisan works in familiar, predictable, routine, situation of clear choice.</p> <p>Hence NSQF Level is 4</p>	4

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Title/Name of qualification/component: Ikkat Artisan		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> identify faulty materials and component parts and get them rectified identify materials and components which can cause crease, stain and damage identify mendable defects and rework on them identify and use raw materials as per the specifications provided identify damaged tools and materials and take action according to the standards followed store materials and tools in line with manufacturer's and cooperative society/NGO/SHG/industry requirements 		
Professional knowledge	<p><u>Factual knowledge of field of knowledge or study:</u></p> <ul style="list-style-type: none"> various fabric processing methods before weaving Methods: Degumming, colour fast treatment, sun drying, dyeing documenting procedure in case of faults in own/ others' processes protocol in case of work related risks/ problems loom dimensions and other specifications causes for fabric defects due to improper pre-loom activities and defective loom quality systems and other processes practiced in the cooperative society/NGO/SHG/cluster characteristics of the yarns to be used for handloom weaving and how they differ 	<p>As mentioned in the various knowledge and understanding criteria mentioned in the previous cell, the Ikkat Artisan requires factual knowledge of field of knowledge or study.</p> <p>Hence NSQF Level is 4</p>	4

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Title/Name of qualification/component: Ikkat Artisan		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> potential hazards associated with the machines and the safety precautions that must be taken importance of creative freedom importance of adaptability personal hygiene tools maintenance procedures company's/organization's quality standards effects of contamination on products standard Operating Procedures (SOP) and regulations in the cooperative society/NGO/SHG importance of team work documentation formats identification, handling and storage of hazardous substances 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"> create/collect design on the graph paper as per imagination/market trend and different products of ikkat weaving Products: Saree, blankets, mats, carpets, bed sheets, pillow covers, furnishing cloths, etc. develop single or multi-colour dyeing design carry out degumming or scavenging process depending on the fabrics by using different materials 	<p>As mentioned in the various performance criteria mentioned in the previous cell, the Ikkat Artisan is able to recall and demonstrate practical skill, routine and repetitive in narrow range of application, using appropriate rule and tool, using quality concepts.</p> <p>Hence NSQF Level is 4</p>	4

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Title/Name of qualification/component: Ikkat Artisan		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
	<p>Fabrics: Silk, cotton, etc. Materials: Caustic soda, soap, etc.</p> <ul style="list-style-type: none"> • gait the warp sheet properly and keep the warp sheet in proper tension • analyse and interpret the given design (plain or its variations) which needs to be woven • carry-out the primary weaving operations—shedding, picking, beating, etc. • carry out the auxiliary weaving operations—temple motion, shuttle changing, etc. • use the correct tools and materials • carry out quality checks at specified intervals according to the specifications • dispose of waste safely in the designated location • identify damaged tools and materials and take action according to the standards followed 		
Core skill	<p><u>Language to communicate written or oral, with required clarity, skill to basic arithmetic and algebraic principles, basic understanding of social, political and natural environment:</u></p> <ul style="list-style-type: none"> • create/collect design on the graph paper as per imagination/market trend and different products of ikkat weaving <p>Products: Saree, blankets, mats, carpets, bed sheets, pillow covers, furnishing cloths, etc.</p> <ul style="list-style-type: none"> • carry out degumming or scavenging process depending on the 	<p>As mentioned in the various performance, Knowledge and Skills criteria mentioned in the previous cell, the Ikkat Artisan is able to use language to communicate written or oral, with required clarity, and requires a basic understanding of social, political and natural environment and also requires skill to basic arithmetic and algebraic principles.</p> <p>Hence NSQF Level is 4</p>	4

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Title/Name of qualification/component: Ikkat Artisan		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
	<p>fabrics by using different materials Fabrics: Silk, cotton, etc. Materials: Caustic soda, soap, etc.</p> <ul style="list-style-type: none"> • select and tie the warp/weft threads with rubber strands/ cotton threads as per the design • estimate the number of shuttles required ready and its loading with proper colour of pirns • loom dimensions and other specifications • use of design specification sheet and understanding the technical requirements of the fabric to be woven • write local or English language for recording production, quality related information, numbering, and maintenance of related information and materials, etc. • communicate with co-workers appropriately • talk effectively to convey information succinctly and unequivocally • listen effectively and orally communicate information accurately • ask for clarification and advice from others • communicate politely • standard Operating Procedures (SOP) and regulations in the cooperative society/NGO/SHG • follow environment management system related procedures • identify different kinds of possible hazards (environmental, personal, ergonomic and chemical) of the industry 		

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Title/Name of qualification/component: Ikkat Artisan		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
Responsibility	<p><u>Responsibility for own work and learning:</u></p> <ul style="list-style-type: none"> create/collect design on the graph paper as per imagination/market trend and different products of ikkat weaving Products: Saree, blankets, mats, carpets, bed sheets, pillow covers, furnishing cloths, etc. carry out degumming or scavenging process depending on the fabrics by using different materials Fabrics: Silk, cotton, etc. Materials: Caustic soda, soap, etc. dye the warp/weft threads using tie & dye technique to create the desired pattern bundle and treat the yarn threads with glacial acetic acid for fastness of colour depending on the type of yarn gait the warp sheet properly and keep the warp sheet in proper tension analyse and interpret the given design (plain or its variations) which needs to be woven ensure that proper tension on warp is maintained carry-out the primary weaving operations—shedding, picking, beating, etc. carry out the auxiliary weaving operations—temple motion, shuttle changing, etc. carry out quality checks at specified intervals according to the specifications 	<p>As mentioned in the various points mentioned in the previous cell, the Ikkat Weaver demonstrates responsibility for own work and learning.</p> <p>All performance criteria mentioned in the Qualification Pack are responsibilities of a Ikkat Artisan however certain important PCs are depicted here.</p> <p>Hence NSQF Level is 4</p>	4

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Title/Name of qualification/component: Ikkat Artisan		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> • be accountable to one's own role in the whole process • be effective and efficient at workplace • own job role and responsibilities and sources for information pertaining to employment terms, compensation, job role and responsibilities • plan and organize own work in a way that all activities are completed in time and as per specifications • take responsibility for own actions • carry out cleaning according to schedule and limits of responsibility • focus on self-learning and improvement • take initiative and innovate the existing methods • plan and organize your work to achieve targets and deadlines • undertake first aid, fire-fighting and emergency response training, if asked to do so • take action based on instructions in the event of fire, emergencies or accidents • plan and organize your work to achieve targets and deadlines 		

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SECTION 3

EVIDENCE OF NEED

What evidence is there that the qualification is needed?

Please refer to the attached list of job roles and occupations as per the attachment and their career paths as per [Annexure 1](#), which have been derived through extensive interactions with stakeholders including handloom cluster core actors through 2 workshops, emails, one-on-one discussions and interactions with representatives from different Cluster/Associations / Organizations all over the country who participated in the validation process to make the Qualification Packs viable to the current industry requirements.

List of Industry Experts involved in the Validation process for the QP

Industry Experts	State	Industry Experts	State
Chilukari Narendar	Telangana	Cheripally Ragavedra	Telangana
M. Hari Krishna	Telangana	Ravirala Bikshamaiah	Telangana
Juluri Srinivas	Telangana	Thirandasu Narsimha	Telangana
Kalnikouda. Mahesh	Telangana	Yeshala Veeresham	Telangana
Chilukuri Krishnaial	Telangana	Chilukuri Dhanunjay	Telangana
Chilkuri Srinivasule	Telangana	Thirandas Anjaiah	Telangana
Chilukuri Srinivasuy	Telangana	Juluri Yadaiah	Telangana
Rudra Shekar	Telangana	Jella Ramadas	Telangana
P. Srinu	Telangana	Karmati Vceresham	Telangana
Ch. Srinivasulu	Telangana	Ganji Venkateshwarlu	Telangana
Ch. Venkatesham	Telangana	Gurram Vijay Kumar	Telangana
Ch. Ramesh	Telangana	Cheripelly Bieamaiah	Telangana
Vaddepally Vishnu	Telangana	Kandhagatla Mahesh	Telangana
Rapolu Laxmaiah	Telangana	kandhagatla Anjanyulu	Telangana
Ganji Srinivas	Telangana	kandagatla Srinivasulu	Telangana
T. Yadagiri	Telangana	Thirandasu Vasudevulu	Telangana
M. Kiran	Telangana	Chittiprolu Narsinha	Telangana
Cheripally Shankaraiah	Telangana	Chereepally Chandramouli	Telangana
Chiluveru Laxhiminarayana	Telangana	M. Anjanailu	Telangana
Kolanu Venkatesham	Telangana	Miryala Venkatesham	Telangana

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Cherupally Venkatesham	Telangana	Pagidi Mari Srinivas	Telangana
K. Andagatla Bhavanaushi	Telangana	Juluru Mahesh	Telangana
Ganji Yadagiri	Telangana	Juluru Anjaneyulu	Telangana
Tiramdasu. Gopaly	Telangana		

What is the estimated uptake of this qualification and what is the basis of this estimate?

The incremental human resource requirement between 2008 and 2022 is 0.7 million people under Handloom Sector. This estimate has been drawn on basis of the NSDC report on Human Resource and Skill Requirements in Textiles Sector. Refer to Page 57: [Annexure 3](#)

What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?

QPs for Job Roles of various related SSC's were studied to ensure that there is no duplicity

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?

The Qualification Pack has been developed based on stakeholder engagement through workshops held at various handloom clusters and one on one discussions with core cluster stakeholders. The inputs and feedbacks given by them were incorporated while drafting the QP. The QP would be revised in six months (25th August, 2018) or before in case of any critical or necessary inputs received

Please attach any documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

NSDC report on Human Resource and Skill Requirements in Textiles Sector – [Annexure 3](#)

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SECTION 4

EVIDENCE OF PROGRESSION

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?

Please refer to attached career path as per [Annexure 1](#) which clearly defines the career path. While designing the national occupational standards, occupational mapping was done on a large sample size and validated across the country. The career progression for roles in each occupation was also analysed and decided, based on industry validation across the country. The current challenges faced by the industry, at large, was also kept in mind

Please attach any documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

1. Career Path of Ikkat Artisan- [Annexure 1](#)
2. TSC/Q7404- [Annexure 2](#)
3. Skill gap report for textile sector – “NSDC report on Human Resource and Skill Requirements in Textiles Sector” - [Annexure 3](#)
4. Protocol-for-Accreditation-of-Assessment-Agencies-and-Assessment-Framework- [Annexure 4](#)
5. Format for EOI for AA Accreditation from TSC - [Annexure 5](#)

Further contact details and a copy of the validation are submitted both with NSDC and NSDA

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Annexure 1

The career progression is given in following link (Click on the icon to view career progression)



Ikkat Artisan.pdf

Annexure 2



TSCQ7404_Ikkat
Artisan_v4.pdf

QP Name – Ikkat Artisan

QP reference ID- TSC/Q7404 (click on the icon to view the QP)

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Annexure 3

Click the link - NSDC report on Human Resource and Skill Requirements in Textiles Sector.



Skill Gap Analysis Report for Textile and Clothing Industry _ Report on Human Resource and Skill Requirements in Textile and Clothing Sector.pdf

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Annexure 4

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



protocol.pdf

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Annexure 5

Click on the icon to view – Format for EOI for AA Accreditation from TSC



format for EOI for application as assessor to TSC.pdf

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