



## QUALIFICATIONS PACK - OCCUPATIONAL STANDARDS FOR HANDICRAFTS AND CARPET INDUSTRY

### What are Occupational Standards(OS)?

- OS describe what individuals need to do, know and understand in order to carry out a particular job role or function
- OS are performance standards that individuals must achieve when carrying out functions in the workplace, together with specifications of the underpinning knowledge and understanding

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## Introduction

### Qualifications Pack: Jute Yarn Hank Dyer

**SECTOR/S:** HANDICRAFTS AND CARPET

**SUB-SECTOR:** Hand Crafted Textiles

**OCCUPATION:** Natural Fibre Crafts

**REFERENCE ID:** HCS/Q7401

**ALIGNED TO:** NCO-2015/7319.73

**Brief Job Description:** A Jute Yarn Hank Dyer is responsible for dyeing of yarns of different grades of jute fibres in colours and lustres, either with traditional methods or with methods having a little automation specially developed for hank dyeing operations. He is also responsible to complete the dyeing cycle in strict sequence and harmony in accordance with materials, environmental conditions and machines/method of dyeing in consideration. The dyed materials are expected to match with standard shades for hue and tone, and conform to requirements for desired level of fastness.

**Personal Attributes:** A jute yarn hank dyer should be keen, vigilant, well sighted, patient and investigative. He should be free from defects of the eyes like colour blindness, short-sightedness, long-sightedness, etc.



Job Details	<b>Qualifications Pack Code</b>	<b>HCS/Q7401</b>		
	<b>Job Role</b>	<b>Jute Yarn Hank Dyer</b> (Applicable for National Scenarios)		
	<b>Credits</b>	<b>TBD</b>	<b>Version number</b>	<b>1.0</b>
	<b>Sector</b>	<b>Handicrafts and Carpet</b>	<b>Drafted on</b>	<b>01/09/2016</b>
	<b>Sub-sector</b>	<b>Hand Crafted Textiles</b>	<b>Last reviewed on</b>	<b>10/11/2017</b>
	<b>Occupation</b>	<b>Natural Fibre Crafts</b>	<b>Next review date</b>	<b>10/11/2019</b>
	<b>NSQC Clearance on</b>	<b>NA</b>		

Job Role	Jute Yarn Hank Dyer
<b>Role Description</b>	A Jute Yarn Hank Dyer is responsible for dyeing of yarns of different grades of jute fibres in colours and lustres, either with traditional methods or with methods having a little automation specially developed for hank dyeing operations. He is also responsible to complete the dyeing cycle in strict sequence and harmony in accordance with materials, environmental conditions and machines/method of dyeing in consideration. The dyed materials are expected to match with standard shades for hue and tone, and conform to requirements for desired level of fastness.
<b>NSQF level</b>	4
<b>Minimum Educational Qualifications</b>	Basic Literacy
<b>Maximum Educational Qualifications</b>	NA
<b>Prerequisite License or Training</b>	NA
<b>Minimum Job Entry Age</b>	18 Years
<b>Experience</b>	Preferably, 1-2 years
<b>Applicable National Occupational Standards (NOS)</b>	<p><b>Compulsory:</b></p> <ol style="list-style-type: none"> <li><a href="#">HCS/N7401 Carry out pre dyeing activities: desizing, scouring, bleaching</a></li> <li><a href="#">HCS/N7402 Carry out dyeing of hank jute yarn</a></li> <li><a href="#">HCS/N7403 Carry out finishing of dyed jute yarns</a></li> <li><a href="#">HCS/N9005 Maintain work area and tools in handloom sector</a></li> <li><a href="#">HCS/N9006 Working in a team in handloom sector</a></li> <li><a href="#">HCS/N9007 Maintain health, safety and security at workplace in handloom sector</a></li> <li><a href="#">HCS/N9008 Comply with workplace requirements in handloom sector</a></li> </ol>
<b>Performance Criteria</b>	As described in the relevant OS units



Definitions

Keywords /Terms	Description
Core Skills/Generic Skills	Core Skills or Generic Skills are a group of skills that are key to learning and working in today's world. These skills are typically needed in any work environment. In the context of the NOS, these include communication related skills that are applicable to most job roles.
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.
Function	Function is an activity necessary for achieving the key purpose of the sector, occupation, or area of work, which can be carried out by a person or a group of persons. Functions are identified through functional analysis and form the basis of NOS.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.
Knowledge and Understanding	Knowledge and Understanding are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard.
National Occupational Standards (NOS)	NOS are Occupational Standards which apply uniquely in the Indian context
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 they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Occupation	Occupation is a set of job roles, which perform similar/related set of functions in an industry.
Organisational Context	Organisational Context includes the way the organization is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Performance Criteria	Performance Criteria are statements that together specify the standard of performance required when carrying out a task.
Qualifications Pack(QP)	Qualifications Pack comprises the set of NOS, together with the educational, training and other criteria required to perform a job role. A Qualifications Pack is assigned a unique qualification pack code.
Qualifications Pack Code	Qualifications Pack Code is a unique reference code that identifies a qualifications pack.
Scope	Scope is the 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 the quality of performance required.
Sector	Sector is a conglomeration of different business operations having similar businesses 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.
Sub-functions	Sub-functions are sub-activities essential to fulfil the achieving the objectives of



	the function.
Technical Knowledge	Technical Knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Unit Code	Unit Code is a unique identifier for a NOS unit, which can be denoted with an 'N'
Unit Title	Unit Title gives a clear overall statement about what the incumbent should be able to do.
Vertical	Vertical may exist within a sub-sector representing different domain areas or the client industries served by the industry.
<b>Keywords /Terms</b>	<b>Description</b>
SSC	Sector Skill Council
OS	Occupational Standard(s)
NOS	National Occupational Standard(s)
QP	Qualifications Pack
NSQF	National Skill Qualifications Framework
NCO	National Classifications of Occupation
TBD	To Be Determined
HCSSC	Handicrafts and Carpet Sector Skill Council
NSDC	National Skill Development Corporation
SGH	Self Help Group
NGO	Non-Governmental Organizations

Acronyms



HCS/N7401 Carry out pre dyeing activities: desizing, scouring, bleaching

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# National Occupational Standard



## Overview

This unit is about techniques needed for carrying out pre-dyeing activities with proper knowledge and skill so as to ensure that the delivery of good quality dyed yarns is as per the defined specifications.



### HCS/N7401 Carry out pre dyeing activities: desizing, scouring, bleaching

National Occupational Standard	<b>Unit Code</b>	HCS/N7401
	<b>Unit Title (Task)</b>	Carry out pre dyeing activities: desizing, scouring, bleaching
	<b>Description</b>	This unit is about techniques needed for carrying out pre- dyeing activities with proper knowledge and skill so as to ensure that the delivery of good quality dyed yarns is as per the defined specifications.
	<b>Scope</b>	This unit/task covers the following: <ul style="list-style-type: none"> <li>• Carry out desizing operations</li> <li>• Carry out scouring operations</li> <li>• Carry out bleaching operations</li> </ul>
	<b>Performance Criteria(PC) w.r.t. the Scope</b>	
<b>Element</b>	<b>Performance Criteria</b>	
<b>Carry out desizing operations</b>	<p>To be competent, the user/individual on the job must be able to:</p> <p>PC1. summarize the task mentioned in the work order</p> <p>PC2. ensure that the working spot is empty &amp; clean</p> <p>PC3. ensure to carry out the desizing operation of jute yarn by simply water boiling for 30 minutes followed by normal washing</p> <p>PC4. for starch based size ensure to carry out the desizing operation by immersing the yarns in a vessel containing 2-3 gram per litre hydrochloric acid at ambient temperature for 30-60 mins followed by thorough washing</p>	
<b>Carry out scouring operations</b>	<p>To be competent, the user/individual on the job must be able to:</p> <p>PC5. summarize the task mentioned in the work order</p> <p>PC6. ensure that the machine is empty &amp; clean</p> <p>PC7. ensure to first weigh the desized material (yarn)</p> <p>PC8. take water in Jigger at MLR (material to liquor ratio) of 1:20</p> <p>PC9. add non-ionic detergent and soda ash to the water as per instruction of superior or mentioned in the recipe and prepare scouring liquor</p> <p>PC10. put the material (yarn) in the scouring liquor</p> <p>PC11. raise the temperature of the scouring liquor to 60°C for and keep the liquor at that temperature for 15-30 mins(fine yarn- 15 mins, coarse yarn-30 mins)</p> <p>PC12. ensure to remove the material from hot bath and rinse the same in water</p>	
<b>Carry out bleaching operations</b>	<p>To be competent, the user/individual on the job must be able to:</p> <p>PC13. summarize the task mentioned in the work order</p> <p>PC14. ensure that the machine is empty &amp; clean</p> <p>PC15. ensure to first weigh the scoured material</p> <p>PC16. take water in Jigger at MLR (material to liquor ratio) of 1:20</p> <p>PC17. ensure to add following chemicals in the water as per instruction/recipe i.e. hydrogen per-oxide (50%), sodium meta-silicate or stabiliser Awni, try sodium phosphate or soda ash, lissapol-D paste</p> <p>PC18. introduce the material (yarn) in the bleaching liquor</p> <p>PC19. raise the temperature of the bleaching liquor to 80<sup>o</sup>-85<sup>o</sup>C for 60-120 minutes</p> <p>PC20. put the yarn hank in the bleaching bath maintained at 80<sup>o</sup>-85<sup>o</sup>C for 60-120</p>	



### HCS/N7401 Carry out pre dyeing activities: desizing,scouring, bleaching

	<p>minutes with continuous stirring</p> <p>PC21. withdraw the material from the bleaching bath and Wash with plenty of water</p> <p>PC22. for neutralisation, keep the material in a bath containing acetic acid with occasional stirring for about 10 minutes</p> <p>PC23. wash the neutralised material with plenty of water</p> <p>PC24. get the material dried in air</p>
<b>Knowledge and Understanding (K)</b>	
<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	<p>The user/individual on the job needs to know and understand:</p> <p>KA1. the Cooperative Society/NGO/SHG/Cluster policies, procedures, guidelines and standards for quality</p> <p>KA2. safe working practices and Cooperative Society/NGO/SHG procedures</p> <p>KA3. Quality systems and other processes practiced in the Cooperative Society/NGO/SHG</p> <p>KA4. details of the job role and responsibilities</p> <p>KA5. types of problems with quality and how to report them to concerned person</p> <p>KA6. the importance of complying with written instructions</p> <p>KA7. documenting procedure in case of faults in own/ others' processes</p> <p>KA8. the Cooperative Society/NGO/SHG tools, templates and processes for operations in production</p> <p>KA9. responsibilities under health, safety and environmental legislation</p> <p>KA10. guidelines for storage and disposal of waste materials</p> <p>KA11. potential hazards associated with the machines and the safety precautions that must be taken</p> <p>KA12. protocol in case of work related risks/ problems</p> <p>KA13. method of obtaining/giving feedback related to performance</p> <p>KA14. methods to present any ideas for improvement</p>
<b>B. Technical Knowledge</b>	<p>The user/individual on the job needs to know and understand:</p> <p>KB1. different types of yarns</p> <p>KB2. different types of counts</p> <p>KB3. different types of bleaching chemicals used for bleaching different fibres</p> <p>KB4. functions of different temperature range for bleaching and scouring process</p> <p>KB5. different types of scouring methods</p> <p>KB6. measures for proper scouring</p> <p>KB7. the recipe for preparing the size bath for different types of yarns</p> <p>KB8. process of preparation of bath for carrying out sizing activities</p> <p>KB9. the approved method for disposal of waste after scouring and bleaching activities</p>
<b>Skills (S)</b>	
<b>A. Core Skills/ Generic Skills</b>	<b>Writing Skills</b>
	<p>The user/ individual on the job needs to know and understand how to:</p> <p>SA1. write clear and short sentences</p>



**HCS/N7401 Carry out pre dyeing activities: desizing,scouring, bleaching**

	SA2. write in local language
	<b>Reading Skills</b>
	The user/individual on the job needs to know and understand how to: SA3. read and comprehend written instructions
	<b>Oral Communication (Listening and Speaking skills)</b>
<b>B. Professional Skills</b>	The user/individual on the job needs to know and understand how to: SA4. communicate with supervisor appropriately SA5. talk to others to convey information effectively SA6. ask for clarification and advice from others SA7. listen effectively and orally communicate information accurately
	<b>Decision Making</b>
	The user/ individual on the job needs to know and understand how to: SB1. follow rule-based decision-making processes SB2. make decisions on a suitable course of action or response
	<b>Plan and Organize</b>
	The user/ individual on the job needs to know and understand how to: SB3. plan and organize your work to achieve targets and deadlines
	<b>Customer Centricity</b>
	The user/ individual on the job needs to know and understand how to: SB4. avoid absenteeism SB5. be punctual SB6. work in Discipline SB7. act objectively, rather than impulsively or emotionally when faced with difficult/stressful or emotional situations
	<b>Problem Solving</b>
	The user/ individual on the job needs to know and understand how to: SB8. apply problem-solving approaches in different situations SB9. seek clarification on problems from others
	<b>Analytical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB10. analyse data and activities SB11. pass on relevant information to others
	<b>Critical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB12. provide opinions on work in a detailed and constructive way SB13. apply balanced judgment to different situations





## HCS/N7401 Carry out pre dyeing activities: desizing, scouring, bleaching

### NOS Version Control

Qualifications Pack Code	HCS/N7401		
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Sector	Handicrafts and Carpet	Drafted on	01/09/2016
Sub-sector	Hand Crafted Textiles	Last reviewed on	
Occupation	Natural Fibre Crafts	Next review date	

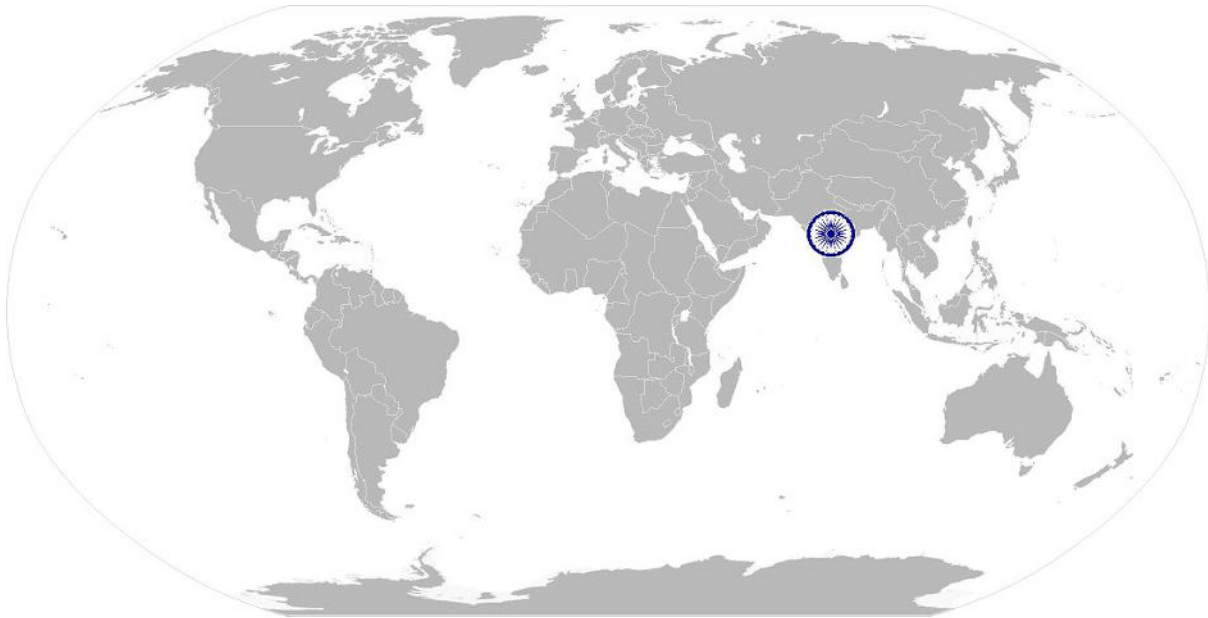




HCS/N7402 Carry out dyeing of hank jute yarn

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# National Occupational Standard



## Overview

This unit provides performance criteria, knowledge and understanding and skills and abilities required to develop dyeing recipe and carrying out dyeing of hank yarns.



## HCS/N7402 Carry out dyeing of hank jute yarn

National Occupational Standard	<b>Unit Code</b>	HCS/N7402
	<b>Unit Title (Task)</b>	Carry out dyeing of hank jute yarn
	<b>Description</b>	This unit provides performance criteria, knowledge and understanding and skills and abilities required to develop dyeing recipe and carrying out dyeing of hank yarns.
	<b>Scope</b>	This unit/task covers the following: <ul style="list-style-type: none"> <li>• Prepare for dyeing activities</li> <li>• Dye the yarn</li> </ul>
	<b>Performance Criteria(PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	<b>Prepare for dyeing activities</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC1. summarize the task in the work order</li> <li>PC2. check that the container for carrying out dyeing is clean</li> <li>PC3. identify the right type of dye for dyeing the selected yarn</li> <li>PC4. ensure that the right quality of water, dye and other chemicals is available</li> <li>PC5. weigh and arrange the required chemicals and dyes for preparing the bath</li> <li>PC6. prepare the bath for carrying out dyeing</li> </ul>
	<b>Dye the yarn</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC7. ensure that the right condition (temperature, pH level etc.) of the bath is prepared</li> <li>PC8. ensure proper immersion and timely rotation of yarn, if required</li> <li>PC9. carry out dyeing of selected yarn as per the specified time limit</li> <li>PC10. clean the container used for carrying out dyeing</li> <li>PC11. dispose of the waste materials in the approved manner</li> <li>PC12. leave the work area safe and secure when work is complete</li> </ul>
	<b>Knowledge and Understanding (K)</b>	
	<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> <li>KA1. the Cooperative Society/NGO/SHG/Cluster policies, procedures, guidelines and standards for quality</li> <li>KA2. safe working practices and Cooperative Society/NGO/SHG procedures</li> <li>KA3. quality systems and other processes practiced in the Cooperative society/NGO/SHG/cluster</li> <li>KA4. details of the job role and responsibilities</li> <li>KA5. types of problems with quality and how to report them to concerned person</li> <li>KA6. the importance of complying with written instructions</li> <li>KA7. documenting procedure in case of faults in own/ others' processes</li> <li>KA8. the Cooperative Society/NGO/SHG tools, templates and processes for operations in production</li> </ul>



## HCS/N7402 Carry out dyeing of hank jute yarn

	<p>KA9. responsibilities under health, safety and environmental legislation</p> <p>KA10. guidelines for storage and disposal of waste materials</p> <p>KA11. potential hazards associated with the machines and the safety precautions that must be taken</p> <p>KA12. protocol to obtain more information on work related tasks</p> <p>KA13. protocol in case of work related risks/ problems</p> <p>KA14. method of obtaining/giving feedback related to performance</p> <p>KA15. methods to present any ideas for improvement</p>
<b>B. Technical Knowledge</b>	<p>The user/individual on the job needs to know and understand:</p> <p>KB1. different types of dyes and chemicals used for dyeing different fibres</p> <p>KB2. functions of dyes and chemicals in dyeing process</p> <p>KB3. types of dyes and its Color fastness to light and perspiration</p> <p>KB4. different types of dyeing methods</p> <p>KB5. measures for even dyeing</p> <p>KB6. measures to reduce lot variations</p> <p>KB7. the recipe for preparing the dye bath for different types of yarns</p> <p>KB8. process of preparation of bath for carrying out dyeing activities</p> <p>KB9. the approved method for disposal of waste after dyeing activities</p>
<b>Skills (S)</b>	
<b>A. Core Skills/ Generic Skills</b>	<b>Writing Skills</b>
	The user/ individual on the job needs to know and understand how to:
	SA1. write clear and short sentences
	SA2. write in local language
	<b>Reading Skills</b>
	The user/individual on the job needs to know and understand how to:
	SA3. read and comprehend written instructions
<b>Oral Communication (Listening and Speaking skills)</b>	
The user/individual on the job needs to know and understand how to:	
SA4. communicate with supervisor appropriately	
SA5. talk to others to convey information effectively	
SA6. ask for clarification and advice from others	
SA7. listen effectively and orally communicate information accurately	
<b>B. Professional Skills</b>	<b>Decision Making</b>
	The user/ individual on the job needs to know and understand how to:
	SB1. follow rule-based decision-making processes
	SB2. make decisions on a suitable course of action or response
	<b>Plan and Organize</b>
The user/ individual on the job needs to know and understand how to:	
SB3. plan and organize your work to achieve targets and deadlines	
<b>Customer Centricity</b>	



## HCS/N7402 Carry out dyeing of hank jute yarn

	The user/ individual on the job needs to know and understand how to: SB4. avoid absenteeism SB5. be punctual SB6. work in Discipline SB7. act objectively, rather than impulsively or emotionally when faced with difficult/stressful or emotional situations
	<b>Problem Solving</b>
	The user/ individual on the job needs to know and understand how to: SB8. apply problem-solving approaches in different situations SB9. seek clarification on problems from others
	<b>Analytical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB10. analyse data and activities SB11. pass on relevant information to others
	<b>Critical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB12. provide opinions on work in a detailed and constructive way SB13. apply balanced judgment to different situations





## HCS/N7402 Carry out dyeing of hank jute yarn

### NOS Version Control

<b>Qualifications Pack Code</b>	<b>HCS/N7402</b>		
<b>Credits</b>	<b>TBD</b>	<b>Version number</b>	<b>1.0</b>
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<b>Sub-sector</b>	<b>Hand Crafted Textiles</b>	<b>Last reviewed on</b>	
<b>Occupation</b>	<b>Natural Fibre Crafts</b>	<b>Next review date</b>	

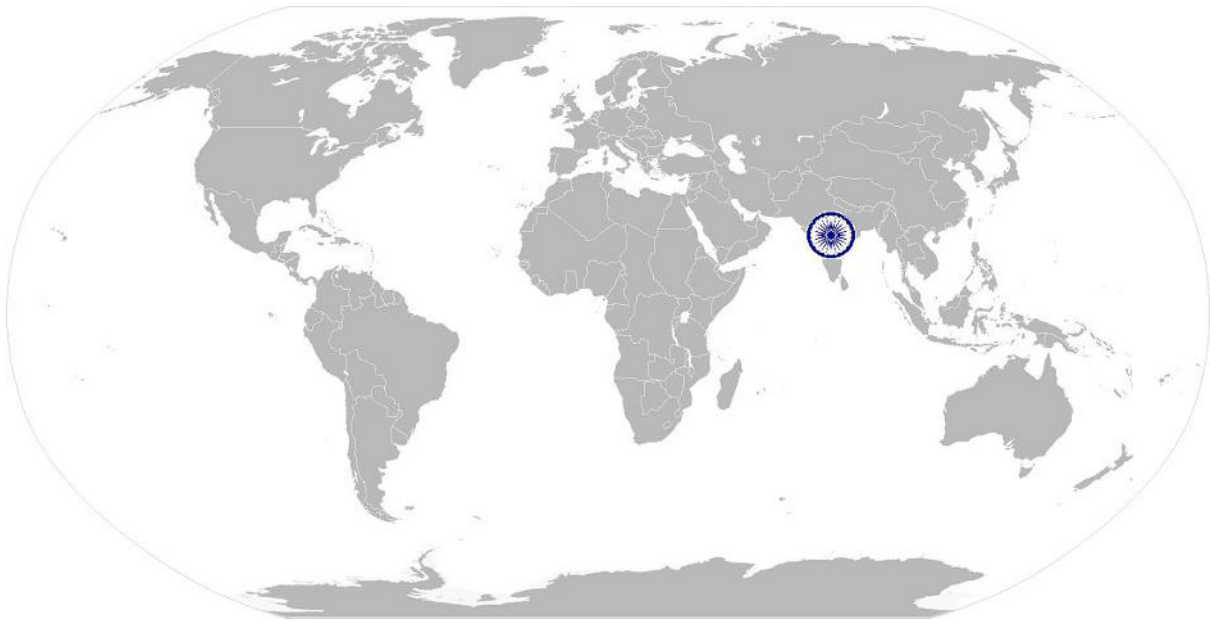




HCS/N7403 Carry out finishing of dyed jute yarns

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# National Occupational Standard



## Overview

This unit is about performance criteria, knowledge and understanding and skills and abilities required to carry out finishing activities after dyeing the hanked jute yarns.



## HCS/N7403 Carry out finishing of dyed jute yarns

National Occupational Standard	<b>Unit Code</b>	HCS/N7403
	<b>Unit Title (Task)</b>	Carry out finishing of dyed jute yarns
	<b>Description</b>	This unit is about performance criteria, knowledge and understanding and skills and abilities required to carry out finishing activities after dyeing the hank yarns.
	<b>Scope</b>	This unit/task covers the following: <ul style="list-style-type: none"> <li>• Prepare for finishing activities</li> <li>• Carry out finishing activities</li> </ul>
	<b>Performance Criteria(PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	<b>Prepare for finishing activities</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC1. analyse the type of finishing activities (washing, soaping, softening, fixing, sizing etc.) to be carried out according to yarn, dye type and specific end used</li> <li>PC2. weigh and arrange the required chemicals for preparing the bath</li> <li>PC3. check that the container for carrying out finishing activities is clean</li> <li>PC4. ensure that the right quality of water and other chemicals is available</li> <li>PC5. prepare the bath for carrying out finishing activities</li> </ul>
	<b>Carry out finishing activities</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC6. carry out required finishing activities</li> <li>PC7. follow the technique for drying(Sunlight or shade etc.) depending upon the type of dye used</li> <li>PC8. dispose of the waste materials in the approved manner</li> <li>PC9. leave work area safe and secure when work is complete</li> </ul>
	<b>Knowledge and Understanding (K)</b>	
	<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> <li>KA1. the Cooperative Society/NGO/SHG/Cluster policies, procedures, guidelines and standards for quality</li> <li>KA2. safe working practices and Cooperative Society/NGO/SHG procedures</li> <li>KA3. quality systems and other processes practiced in the Cooperative society/NGO/SHG</li> <li>KA4. details of the job role and responsibilities</li> <li>KA5. limits of personal responsibility</li> <li>KA6. types of problems with quality and how to report them to concerned person</li> <li>KA7. the importance of complying with written instructions</li> <li>KA8. documenting procedure in case of faults in own/ others' processes</li> <li>KA9. who to refer problems to when they are outside the limit of your authority</li> <li>KA10. the Cooperative Society/NGO/SHG tools, templates and processes</li> </ul>





### HCS/N7403 Carry out finishing of dyed jute yarns

	foroperations in production KA11. responsibilities under health, safety and environmental legislation KA12. guidelines for storage and disposal of waste materials KA13. potential hazards associated with the machines and the safety precautions that must be taken KA14. protocol to obtain more information on work related tasks KA15. documentation formats KA16. protocol in case of work related risks/ problems KA17. method of obtaining/giving feedback related to performance KA18. methods to present any ideas for improvement
<b>B. Technical Knowledge</b>	The user/individual on the job needs to know and understand: KB1. different types of finishing treatment KB2. procedure for carrying out finishing treatment KB3. the impact of different types of finishing activities on final product KB4. importance of color fastness to washing and rubbing KB5. impact of finishing activities on colour fastness to washing, rubbing and quality of the final product
<b>Skills (S)</b>	
<b>A. Core Skills/ Generic Skills</b>	<b>Writing Skills</b>
	The user/ individual on the job needs to know and understand how to: SA1. write clear and short sentences SA2. write in local language
	<b>Reading Skills</b>
	The user/individual on the job needs to know and understand how to: SA3. read and comprehend written instructions
	<b>Oral Communication (Listening and Speaking skills)</b>
	The user/individual on the job needs to know and understand how to: SA4. communicate with supervisor appropriately SA5. talk to others to convey information effectively SA6. ask for clarification and advice from others SA7. listen effectively and orally communicate information accurately
<b>B. Professional Skills</b>	<b>Decision Making</b>
	The user/ individual on the job needs to know and understand how to: SB1. follow rule-based decision-making processes SB2. make decisions on a suitable course of action or response
	<b>Plan and Organize</b>
	The user/ individual on the job needs to know and understand how to: SB3. plan and organize your work to achieve targets and deadlines
	<b>Customer Centricity</b>
	The user/ individual on the job needs to know and understand how to: SB4. avoid absenteeism



### HCS/N7403 Carry out finishing of dyed jute yarns

	SB5. be punctual
	SB6. work in Discipline
	SB7. act objectively, rather than impulsively or emotionally when faced with difficult/stressful or emotional situations
	<b>Problem Solving</b>
	The user/ individual on the job needs to know and understand how to:
	SB8. apply problem-solving approaches in different situations
	SB9. seek clarification on problems from others
<b>Analytical Thinking</b>	
The user/ individual on the job needs to know and understand how to:	
SB10. analyse data and activities	
SB11. pass on relevant information to others	
<b>Critical Thinking</b>	
The user/ individual on the job needs to know and understand how to:	
SB12. provide opinions on work in a detailed and constructive way	
SB13. apply balanced judgment to different situations	

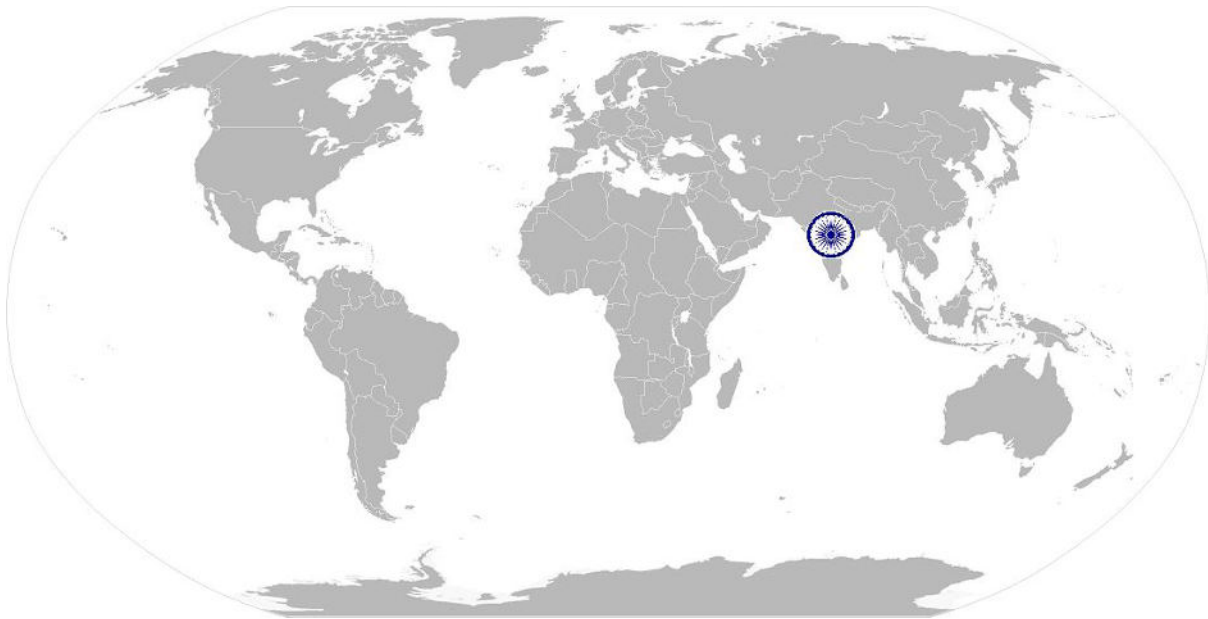




## HCS/N7403 Carry out finishing of dyed jute yarns

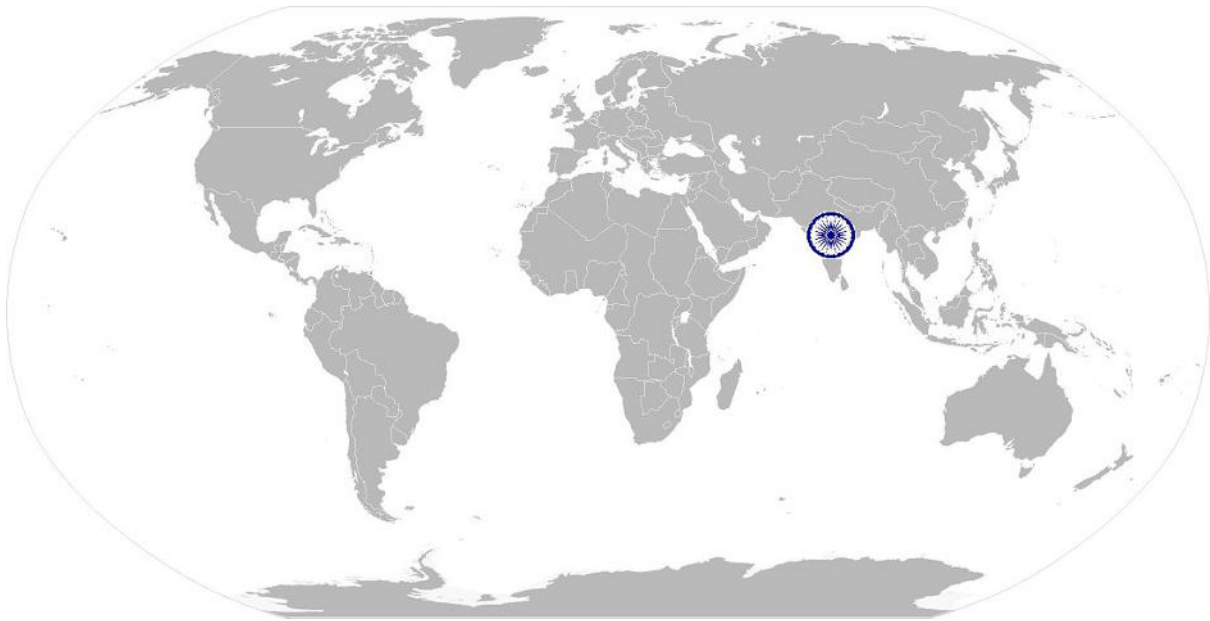
### NOS Version Control

<b>Qualifications Pack Code</b>	<b>HCS/N7403</b>		
<b>Credits</b>	<b>TBD</b>	<b>Version number</b>	<b>1.0</b>
<b>Sector</b>	<b>Handicrafts and Carpet</b>	<b>Drafted on</b>	<b>01/09/2016</b>
<b>Sub-sector</b>	<b>Hand Crafted Textiles</b>	<b>Last reviewed on</b>	
<b>Occupation</b>	<b>Natural Fibre Crafts</b>	<b>Next review date</b>	





# National Occupational Standard



## Overview

This unit is about maintaining work areas and activities to ensure tools and machines are maintained as per norms.



HCS/N9005

Maintain work area and tools in handloom sector

National Occupational Standard

<b>Unit Code</b>	HCS/N9005
<b>Unit Title (Task)</b>	Maintain work area and tools in handloom sector
<b>Description</b>	This unit provides performance criteria, knowledge & understanding and skills & abilities required to organise/ maintain work areas and activities to ensure tools and machines are maintained as per norms.
<b>Scope</b>	This unit/task covers the following: <ul style="list-style-type: none"> <li>Maintain the work area, tools and machines in handloom sector</li> </ul>
<b>Performance Criteria(PC) w.r.t. the Scope</b>	
<b>Element</b>	<b>Performance Criteria</b>
<b>Maintain work area, tools and machines in handloom sector</b>	<p>To be competent, the user/individual on the job must be able to:</p> <p>PC1. handle materials and tools safely and correctly</p> <p>PC2. use correct lifting and handling procedures</p> <p>PC3. use materials in a manner to minimize waste</p> <p>PC4. maintain a clean and hazard free working area</p> <p>PC5. maintain the tools and equipment used</p> <p>PC6. carry out running maintenance within agreed schedules one's responsibility</p> <p>PC7. identify damaged tools and materials and take action according to the standards followed</p> <p>PC8. ensure that the correct tools and yarn required are in place</p> <p>PC9. work in the correct posture</p> <p>PC10. use cleaning equipment and methods appropriate for the work to be carried out</p> <p>PC11. dispose of waste safely in the designated location</p> <p>PC12. store cleaning equipment safely after use</p> <p>PC13. carry out cleaning according to schedule and limits of responsibility</p>
<b>Knowledge and Understanding (K)</b>	
<b>B. Organizational Context</b> (Knowledge of the company / organization and its processes)	<p>The user/individual on the job needs to know and understand:</p> <p>KA1. personal hygiene</p> <p>KA2. safe working practices and Cooperative Society/NGO/SHG/cluster procedures</p> <p>KA3. limits of your own responsibility</p> <p>KA4. ways of resolving problems within the work area</p> <p>KA5. the production process and the specific work activities that relate to the whole process</p> <p>KA6. the importance of effective communication with colleagues</p> <p>KA7. the lines of communication, authority and reporting procedures</p> <p>KA8. the Cooperative Society/NGO/SHG/cluster rules, codes and guidelines (including time keeping)</p> <p>KA9. the company's quality standards</p> <p>KA10. the importance of complying with written instructions</p>



HCS/N9005

Maintain work area and tools in handloom sector

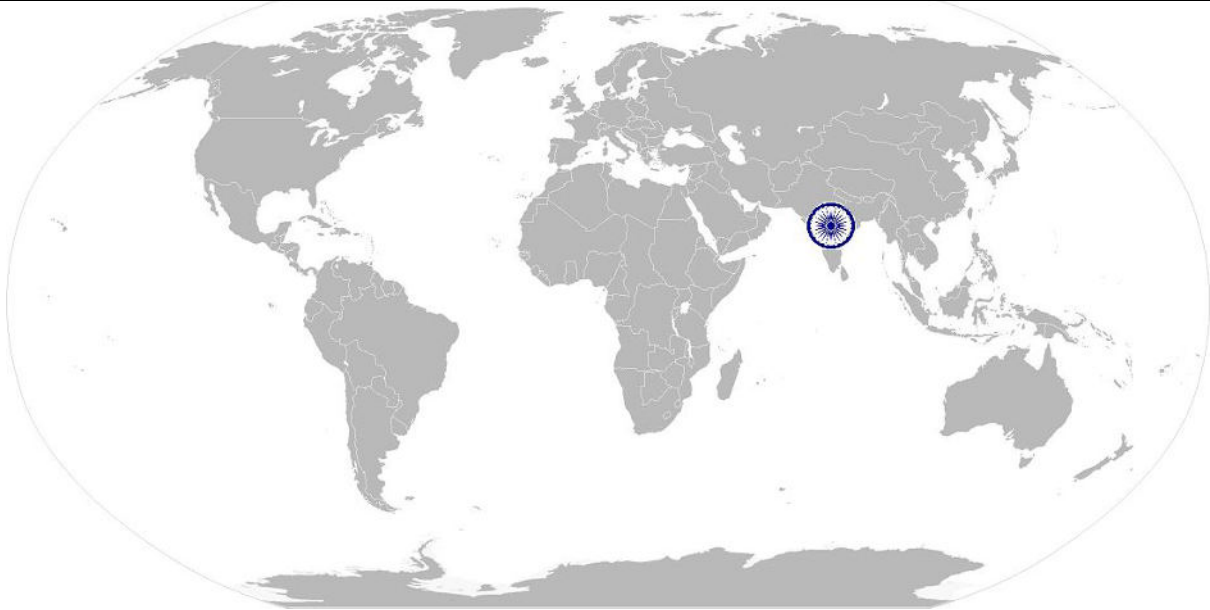
<p><b>B. Technical Knowledge</b></p>	<p>The user/individual on the job needs to know and understand:</p> <p>KB1. work instructions and specifications and interpret them accurately</p> <p>KB2. method to make use of the information detailed in specifications and instructions</p> <p>KB3. relation between work role and the overall manufacturing process</p> <p>KB4. the importance of taking action when problems are identified</p> <p>KB5. different ways of minimising waste</p> <p>KB6. effects of contamination on products</p> <p>KB7. common faults and the methods to rectify them</p> <p>KB8. tools maintenance procedures</p> <p>KB9. hazards likely to be encountered when conducting routine maintenance</p> <p>KB10. different types of cleaning substances and their use</p> <p>KB11. safe working practices for cleaning and the methods of carrying them out</p>
<p><b>Skills (S)</b></p>	
<p><b>A. Core Skills/ Generic Skills</b></p>	<p><b>Writing Skills</b></p> <p>The user/individual on the job needs to know and understand how to:</p> <p>SA1. write in local language</p> <p><b>Reading Skills</b></p> <p>The user/ individual on the job needs to know and understand how to:</p> <p>SA2. read and comprehend written instructions</p> <p><b>Oral Communication (Listening and Speaking Skills)</b></p> <p>The user/ individual on the job needs to know and understand how to:</p> <p>SA3. listen effectively and orally communicate information accurately</p> <p>SA4. ask for clarification and advice from others</p>
<p><b>B. Professional Skills</b></p>	<p><b>Decision Making</b></p> <p>The user/ individual on the job needs to know and understand how to:</p> <p>SB1. follow rule-based decision-making processes</p> <p>SB2. make decisions on a suitable course of action or response</p> <p><b>Plan and Organize</b></p> <p>The user/ individual on the job needs to know and understand how to:</p> <p>SB3. plan and organize your work to achieve targets and deadlines</p> <p><b>Customer Centricity</b></p> <p>The user/ individual on the job needs to know and understand how to:</p> <p>SB4. avoid absenteeism</p> <p>SB5. be punctual</p> <p>SB6. work in Discipline</p> <p>SB7. act objectively, rather than impulsively or emotionally when faced with</p>



HCS/N9005

Maintain work area and tools in handloom sector

	SB8. difficult/stressful or emotional situations
	<b>Problem Solving</b>
	The user/ individual on the job needs to know and understand how to: SB9. apply problem-solving approaches in different situations SB10. seek clarification on problems from others
	<b>Analytical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB11. analyze data and activities SB12. Pass on relevant information to others
	<b>Critical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB13. provide opinions on work in a detailed and constructive way SB14. apply balanced judgment to different situations



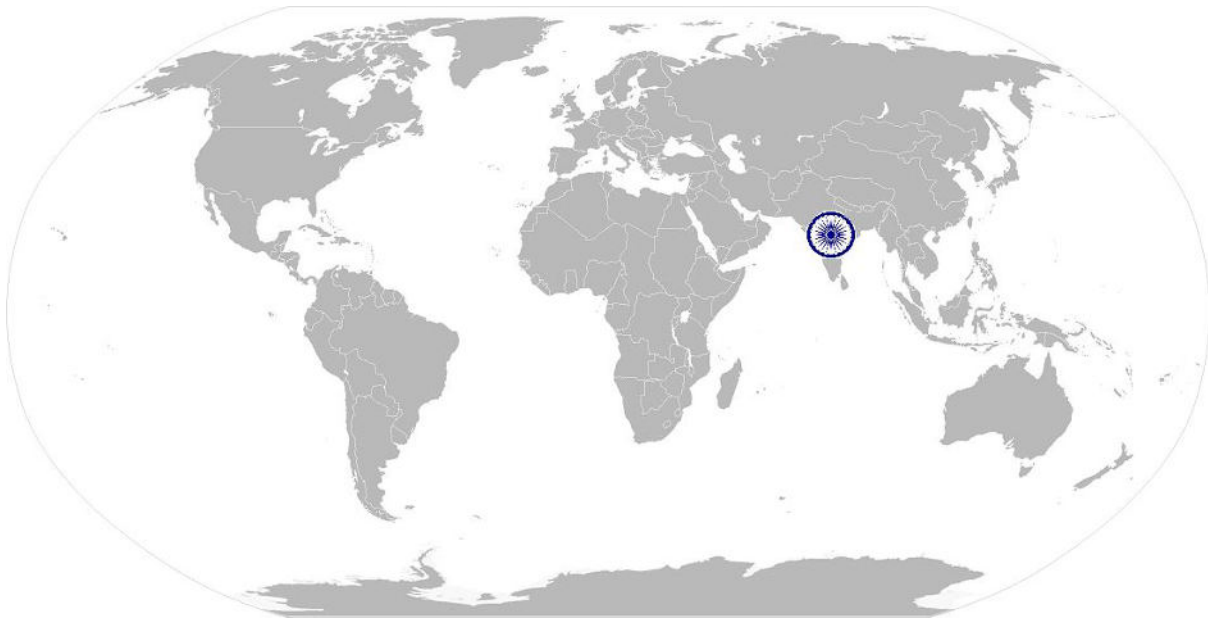


HCS/N9005

Maintain work area and tools in handloom sector

## NOS Version Control

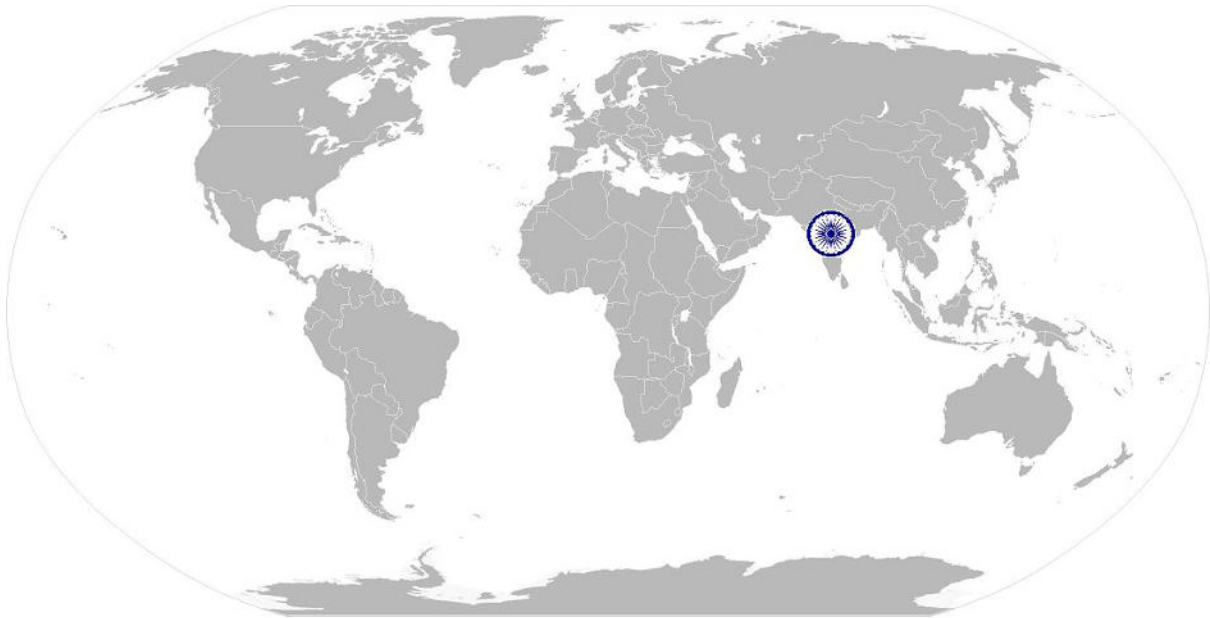
Qualifications Pack Code	HCS/N9005		
Credits	TBD	Version number	1.0
Sector	Handicrafts and Carpet	Drafted on	01/09/2016
Sub-sector	Hand Crafted Textiles	Last reviewed on	
Occupation	Natural Fibre Crafts	Next review date	







# National Occupational Standard



## Overview

This unit is about working as part of a team in the Jute industry.



HCS/N9006

Working in a team in handloom sector

National Occupational Standard	<b>Unit Code</b>	HCS/N9006
	<b>Unit Title (Task)</b>	Working in a team in handloom sector
	<b>Description</b>	This OS unit provides performance criteria, knowledge and understanding, skills and abilities required to work as a team member in the jute industry.
	<b>Scope</b>	This unit/task covers the following: <ul style="list-style-type: none"> <li>• commitment and trust</li> <li>• communication</li> <li>• adaptability</li> <li>• creative freedom</li> </ul>
	<b>Performance Criteria(PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	<b>Commitment and trust</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC1. be accountable to the own role in whole process</li> <li>PC2. perform all roles with full responsibility</li> <li>PC3. be effective and efficient at workplace</li> </ul>
	<b>Communication</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC4. properly communicate about workplace policies</li> <li>PC5. talk politely with other team members and colleagues</li> <li>PC6. submit daily report of own performance</li> </ul>
	<b>Adaptability</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC7. adjust in different work situations</li> <li>PC8. give due importance to others' point of view</li> <li>PC9. avoid conflicting situations</li> </ul>
	<b>Creative freedom</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC10. improve upon the existing techniques to increase process efficiency</li> </ul>
<b>Knowledge and Understanding (K)</b>		
<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> <li>KA1. standard Operating Procedures(SOP) and regulations in the Cooperative Society/NGO/SHG</li> <li>KA2. procedure followed to get the final output in the Cooperative Society/NGO/SHG</li> <li>KA3. safe working practices to be adopted in the Cooperative Society/NGO/SHG</li> <li>KA4. consulting the supervisor and taking relevant actions against any grievances faced</li> </ul>	
<b>B. Technical Knowledge</b>	The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> <li>KB1. importance of commitment and trust</li> <li>KB2. importance of proper communication</li> <li>KB3. importance of adaptability</li> <li>KB4. importance of creative freedom</li> </ul>	



**HCS/N9006**

**Working in a team in handloom sector**

<b>Skills (S)</b>	
<b>A. Core Skills/ Generic Skills</b>	<b>Writing Skills</b>
	The user/ individual on the job needs to know and understand how to: SA1. write in local language
	<b>Reading Skills</b>
	The user/ individual on the job needs to know and understand how to: SA2. read and comprehend written instructions
	<b>Oral Communication (Listening and Speaking Skills)</b>
	The user/ individual on the job needs to know and understand how to: SA3. listen effectively and orally communicate information accurately SA4. ask for clarification and advice from others
<b>B. Professional Skills</b>	<b>Decision Making</b>
	The user/ individual on the job needs to know and understand how to: SB1. follow rule-based decision-making processes SB2. make decisions on a suitable course of action or response
	<b>Plan and Organize</b>
	The user/ individual on the job needs to know and understand how to: SB3. plan and organize your work to achieve targets and deadlines
	<b>Customer Centricity</b>
	The user/ individual on the job needs to know and understand how to: SB4. avoid absenteeism SB5. be punctual SB6. work in Discipline SB7. act objectively, rather than impulsively or emotionally when faced with difficult/stressful or emotional situations
	<b>Problem Solving</b>
	The user/ individual on the job needs to know and understand how to: SB8. apply problem-solving approaches in different situations SB9. seek clarification on problems from others
	<b>Analytical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB10. analyze data and activities SB11. pass on relevant information to others
	<b>Critical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB12. provide opinions on work in a detailed and constructive way SB13. apply balanced judgment to different situations

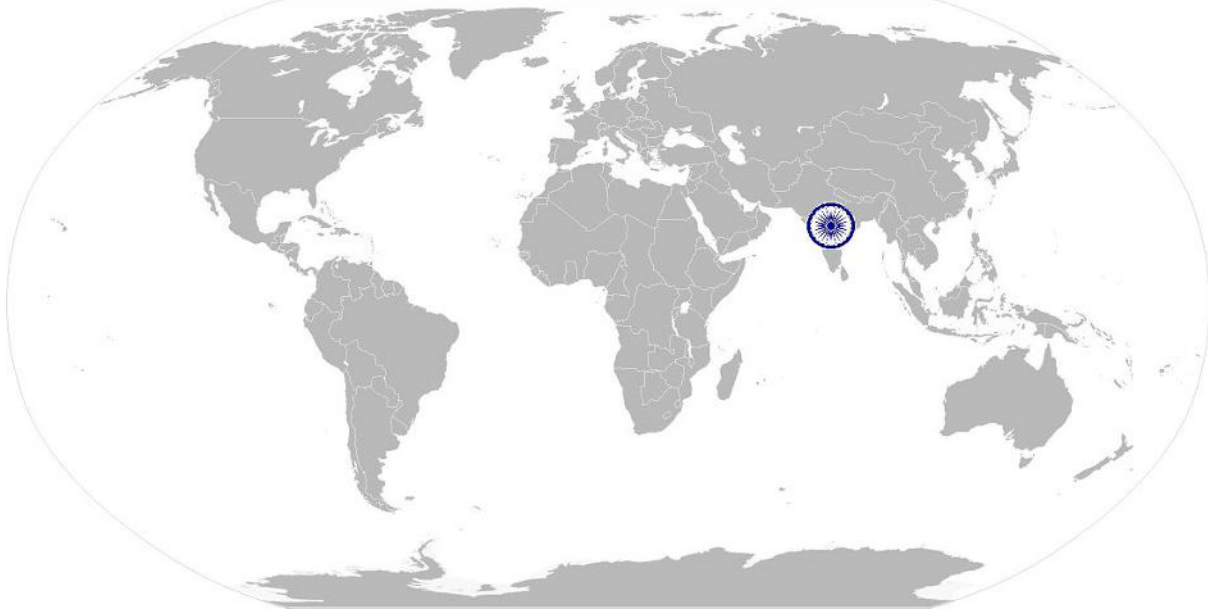


HCS/N9006

Working in a team in handloom sector

## NOS Version Control

<b>NOS Code</b>	<b>HCS/N9006</b>		
<b>Credits</b>	<b>TBD</b>	<b>Version number</b>	<b>1.0</b>
<b>Industry</b>	<b>Handicrafts and Carpet</b>	<b>Drafted on</b>	<b>01/09/2016</b>
<b>Industry Sub-sector</b>	<b>Hand Crafted Textiles</b>	<b>Last reviewed on</b>	
<b>Occupation</b>	<b>Natural Fibre Crafts</b>	<b>Next review date</b>	

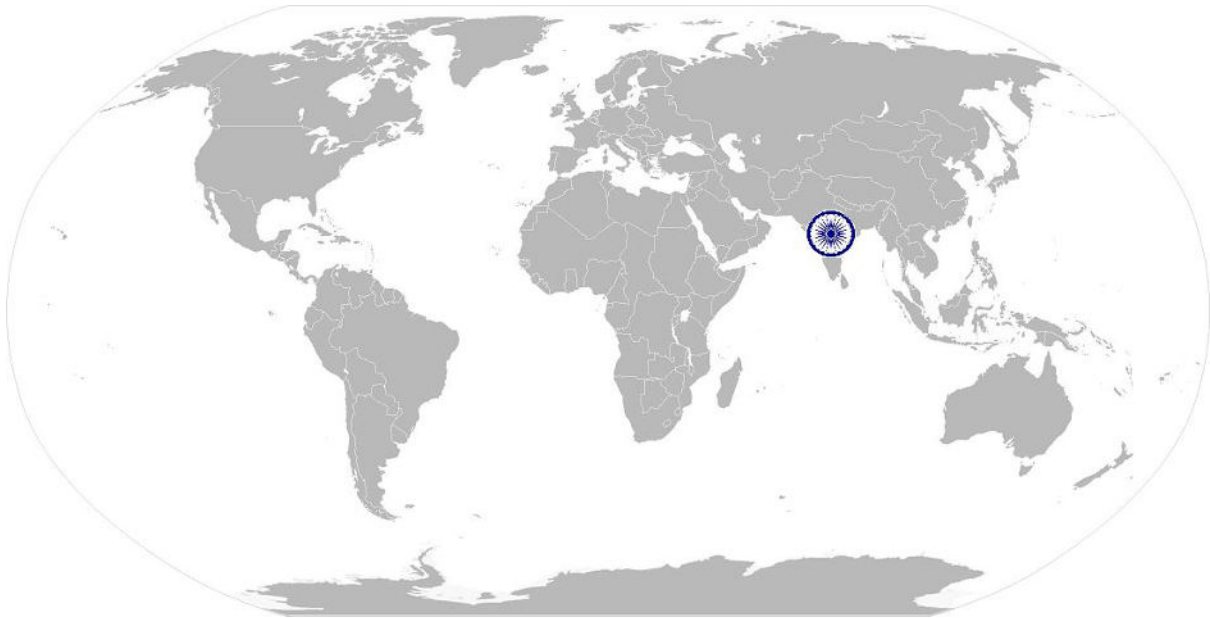




HCS/N9007 Maintain health, safety and security at work place in handloom sector

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# National Occupational Standard



## Overview

This unit is about maintaining health, safety, and security standards at workplace.



## HCS/N9007 Maintain health, safety and security at work place in handloom sector

National Occupational Standard	<b>Unit Code</b>	HCS/N9007
	<b>Unit Title (Task)</b>	Maintain health, safety and security at work place in handloom sector
	<b>Description</b>	This OS provides performance criteria, knowledge & understanding and skills & abilities required to comply with health, safety and security requirements at the workplace and covers procedures to prevent, control and minimize risk to self and others.
	<b>Scope</b>	This unit/task covers the following: <ul style="list-style-type: none"> <li>comply with health, safety and security requirements at work</li> <li>Recognize the hazards</li> </ul>
	<b>Performance Criteria(PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	<b>Comply with health, Safety and security requirements at work</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC1. comply with health and safety related instructions applicable to the workplace</li> <li>PC2. use and maintain personal protective equipment as per protocol</li> <li>PC3. carry out own activities in line with approved guidelines and procedures</li> <li>PC4. maintain a healthy lifestyle and guard against dependency on intoxicants</li> <li>PC5. follow environment management system related procedures</li> <li>PC6. store materials and tools in line with manufacturer's and Cooperative Society/ NGO/ SHG requirements</li> <li>PC7. safely handle and move waste and debris</li> <li>PC8. minimize health and safety risks to self and others due to own actions</li> <li>PC9. monitor the work place and work processes for potential risks and threats</li> <li>PC10. carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned</li> <li>PC11. participate in mock drills/ evacuation procedures organized at the workplace</li> <li>PC12. undertake first aid, fire-fighting and emergency response training, if asked to do so</li> <li>PC13. take action based on instructions in the event of fire, emergencies or accidents</li> <li>PC14. follow Cooperative Society/ NGO/ SHG procedures for evacuation when required</li> </ul>
	<b>Recognize the hazards</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC15. identify different kinds of possible hazards (environmental, personal, ergonomic, and chemical) of the industry</li> <li>PC16. recognise other possible security issues existing in the workplace</li> </ul>



### HCS/N9007 Maintain health, safety and security at work place in handloom sector

	<p>PC17. planning the safety techniques</p> <p>PC18. recognise different measures to curb the hazards</p> <p>PC19. implementing the programs</p> <p>PC20. communicate the safety plan to everyone</p> <p>PC21. attach disciplinary rules with the implementation</p>
<b>Knowledge and Understanding (K)</b>	
<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	<p>The user/individual on the job needs to know and understand:</p> <p>KA1. health and safety related practices applicable at the workplace</p> <p>KA2. potential hazards, risks and threats based on nature of operations</p> <p>KA3. cooperative Society/NGO/SHG procedures for safe handling of tools</p> <p>KA4. potential risks due to own actions and methods to minimize these</p> <p>KA5. environmental management system related proceduresattheworkplace</p> <p>KA6. layout of the plant and details of emergency exits, escape routes, emergencyequipment and assembly points</p> <p>KA7. potential accidents and emergencies and response to these scenarios</p> <p>KA8. documentation formats</p> <p>KA9. details of personnel trained in first aid, fire-fighting and emergencyresponse</p>
<b>B. Technical Knowledge</b>	<p>The user/individual on the job needs to know and understand:</p> <p>KB1. occupational health and safety risks and methods</p> <p>KB2. personal protective equipment and method of use</p> <p>KB3. identification, handling and storage of hazardous substances</p> <p>KB4. proper disposal system for waste and by-products</p> <p>KB5. signage related to health and safety and their meaning</p> <p>KB6. importance of sound health, hygiene and good habits</p> <p>KB7. ill- effects of alcohol, tobacco and drugs</p>
<b>Skills (S)</b>	
<b>A. Core Skills/ Generic Skills</b>	<b>Writing Skills</b>
	The user/ individual on the job needs to know and understand how to: SA1. write in local language
	<b>Reading Skills</b>
	The user/ individual on the job needs to know and understand how to: SA2. read and comprehend written instructions
	<b>Oral Communication (Listening and Speaking Skills)</b>
<b>B. Professional Skills</b>	<b>Decision Making</b>
	The user/ individual on the job needs to know and understand how to: SB1. follow rule-based decision-making processes SB2. make decisions on a suitable course of action or response



### HCS/N9007 Maintain health, safety and security at work place in handloom sector

	<b>Plan and Organize</b>
	The user/ individual on the job needs to know and understand how to: SB3. plan and organize your work to achieve targets and deadlines
	<b>Customer Centricity</b>
	The user/ individual on the job needs to know and understand how to: SB4. avoid absenteeism SB5. be punctual SB6. work in Discipline SB7. act objectively, rather than impulsively or emotionally when faced with difficult/stressful or emotional situations
	<b>Problem Solving</b>
	The user/ individual on the job needs to know and understand how to: SB8. apply problem-solving approaches in different situations SB9. seek clarification on problems from others
	<b>Analytical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB10. analyze data and activities SB11. pass on relevant information to others
	<b>Critical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB12. provide opinions on work in a detailed and constructive way SB13. apply balanced judgment to different situations

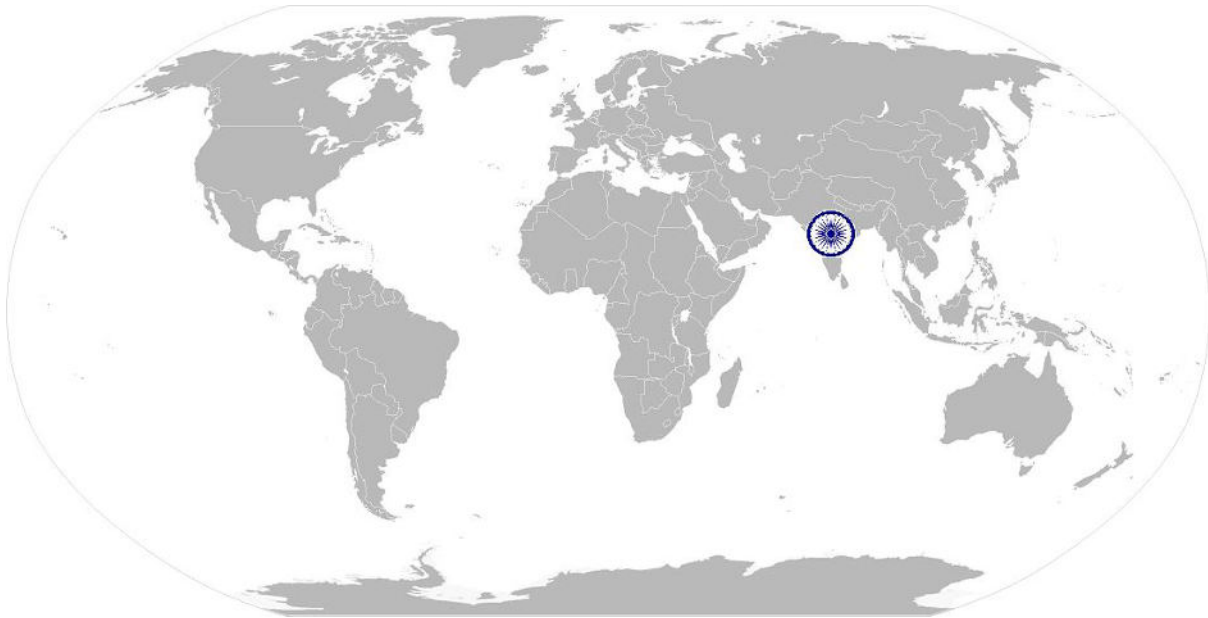




## HCS/N9007 Maintain health, safety and security at work place in handloom sector

### NOS Version Control

<b>NOS Code</b>	<b>HCS/N9007</b>		
<b>Credits</b>	<b>TBD</b>	<b>Version number</b>	<b>1.0</b>
<b>Industry</b>	<b>Handicrafts and Carpet</b>	<b>Drafted on</b>	<b>01/09/2016</b>
<b>Industry Sub-sector</b>	<b>Hand Crafted Textiles</b>	<b>Last reviewed on</b>	
<b>Occupation</b>	<b>Natural Fibre Crafts</b>	<b>Next review date</b>	

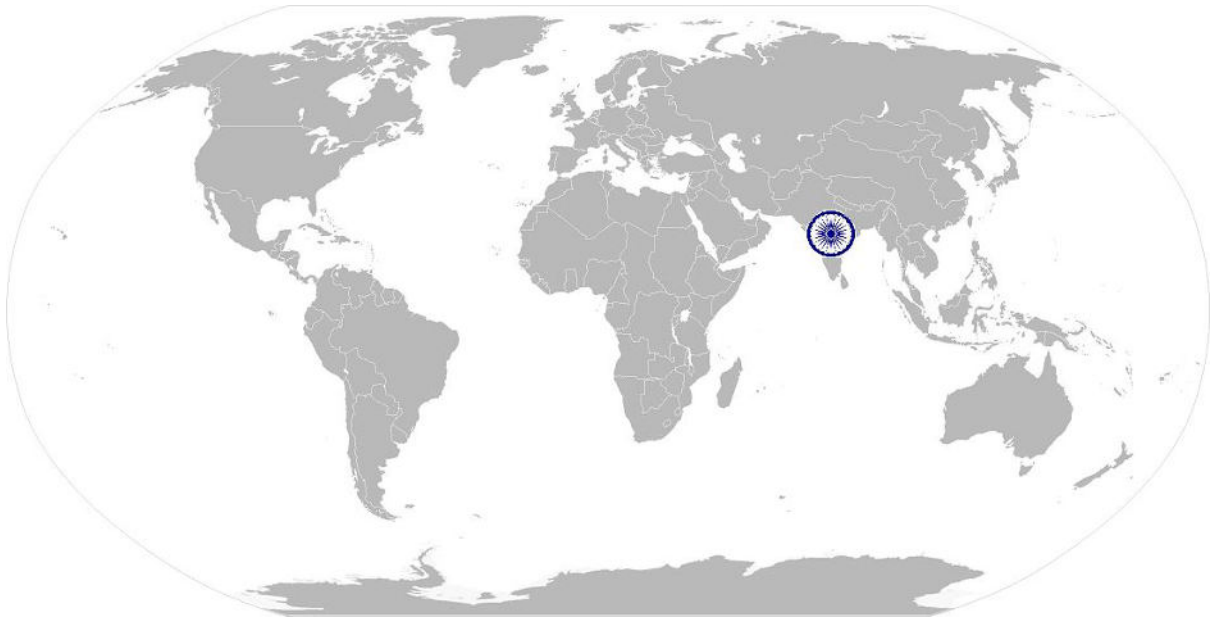




HCS/N9008 Comply with work place requirements in handloom sector

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# National Occupational Standard



## Overview

This unit is about knowing, understanding, and complying with the requirements of the organization and production unit.



## HCS/N9008 Comply with work place requirements in handloom sector

National Occupational Standard	<b>Unit Code</b>	HCS/N9008
	<b>Unit Title (Task)</b>	Comply with work place requirements in handloom sector
	<b>Description</b>	This OS unit is about knowing, understanding and complying with the requirements of the organization and production unit.
	<b>Scope</b>	This unit/task covers the following: <ul style="list-style-type: none"> <li>• Self-development</li> <li>• Team work</li> <li>• Organizational standards</li> </ul>
	<b>Performance Criteria(PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	<b>Self-development</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC1. perform own duties effectively</li> <li>PC2. take responsibility for own actions</li> <li>PC3. be accountable towards the job role and assigned duties</li> <li>PC4. take initiative and innovate the existing</li> <li>PC5. focus on self-learning and improvement</li> </ul>
	<b>Team work</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC6. co-ordinate with all the team members and colleagues</li> <li>PC7. communicate politely</li> <li>PC8. avoid conflicts and miscommunication</li> </ul>
	<b>Organisational standards</b>	To be competent, the user/individual on the job must be able to: <ul style="list-style-type: none"> <li>PC9. know the organisational standards</li> <li>PC10. implement them in your performance</li> <li>PC11. motivate others to follow them</li> </ul>
	<b>Knowledge and Understanding (K)</b>	
<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> <li>KA1. standard Operating Procedures (SOP) and regulations in the Cooperative Society/NGO/SHG</li> <li>KA2. knowledge of workplace standards</li> </ul>	
<b>B. Technical Knowledge</b>	The user/individual on the job needs to know and understand: <ul style="list-style-type: none"> <li>KB1. importance of self-development</li> <li>KB2. importance of team work</li> <li>KB3. importance of understanding and complying with organizational standards</li> </ul>	
<b>Skills (S)</b>		
<b>A. Core Skills/</b>	<b>Writing Skills</b>	



### HCS/N9008 Comply with work place requirements in handloom sector

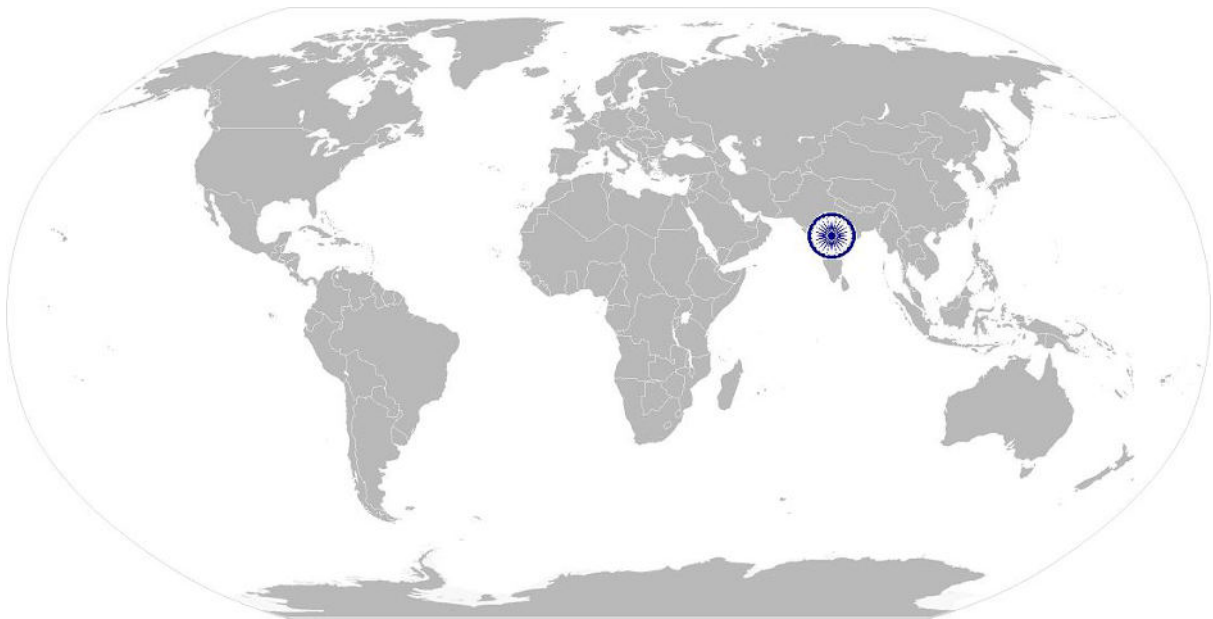
<b>Generic Skills</b>	The user/ individual on the job needs to know and understand how to: SA1. write in local language
	<b>Reading Skills</b>
	The user/ individual on the job needs to know and understand how to: SA2. read and comprehend written instructions
	<b>Oral Communication (Listening and Speaking Skills)</b>
	The user/ individual on the job needs to know and understand how to: SA3. listen effectively and orally communicate information accurately SA4. ask for clarification and advice from others
<b>B. Professional Skills</b>	<b>Decision Making</b>
	The user/ individual on the job needs to know and understand how to: SB1. follow rule-based decision-making processes SB2. make decisions on a suitable course of action or response
	<b>Plan and Organize</b>
	The user/ individual on the job needs to know and understand how to: SB3. plan and organize your work to achieve targets and deadlines
	<b>Customer Centricity</b>
	The user/ individual on the job needs to know and understand how to: SB4. avoid absenteeism SB5. be punctual SB6. work in Discipline SB7. act objectively, rather than impulsively or emotionally when faced with difficult/stressful or emotional situations
	<b>Problem Solving</b>
	The user/ individual on the job needs to know and understand how to: SB8. apply problem-solving approaches in different situations SB9. seek clarification on problems from others
	<b>Analytical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB10. analyze data and activities SB11. pass on relevant information to others
	<b>Critical Thinking</b>
	The user/ individual on the job needs to know and understand how to: SB12. provide opinions on work in a detailed and constructive way SB13. apply balanced judgment to different situations



## HCS/N9008 Comply with work place requirements in handloom sector

### NOS Version Control

NOS Code	HCS/N9008		
Credits	TBD	Version number	1.0
Industry	Handicrafts and Carpet	Drafted on	01/09/2016
Industry Sub-sector	Hand Crafted Textiles	Last reviewed on	
Occupation	Natural Fibre Crafts	Next review date	

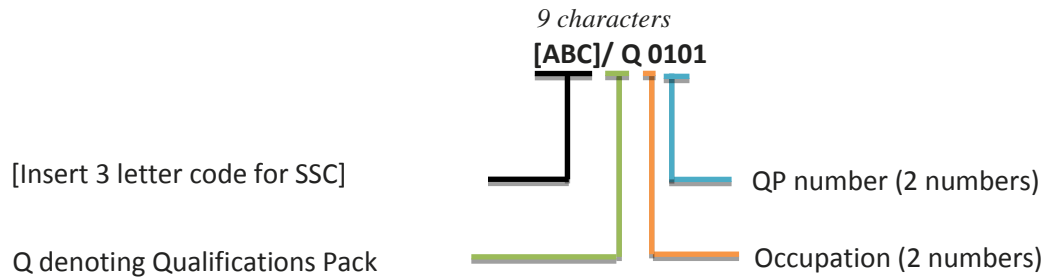




## Annexure

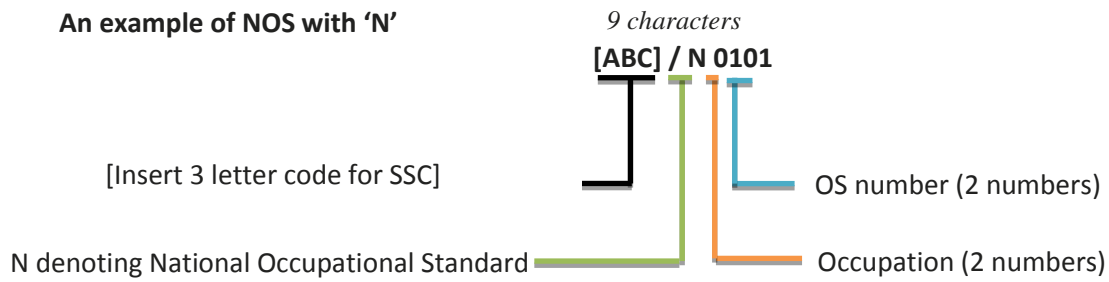
### Nomenclature for QP and NOS

#### Qualifications Pack



#### Occupational Standard

##### An example of NOS with 'N'





The following acronyms/codes have been used in the nomenclature above:

Sub-sector	Range of Occupation numbers
Ceramics	01-10
Fashion Jewellery	11-13
Stoneware	14-19
Glassware	20-27
Metalware crafts	28-37
Leather crafts	38-43
Paper Mache	44-49
Carpets & rugs	50-59
Horn bone & shell craft	60-65
Wood ware, dolls & toys	66-71
Hand printed, Embroidered / knitted & crocheted textiles	72-77
Agarbatti	78-82
Paper crafts	83-86
NER crafts	87-92
Miscellaneous crafts	93-95
Generic Occupation	96-99

Sequence	Description	Example
Three letters	Handicrafts	HCS
Slash	/	/
Next letter	Whether QP or NOS	N
Next two numbers	Occupation code	01
Next two numbers	OS number	01



**CRITERIA FOR ASSESSMENT OF TRAINEES**

**Job Role:** Jute Yarn Hank Dyer

**Qualification Pack:** HCS/Q7401

**Sector Skill Council:** Handicrafts and Carpet

**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. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criteria.
5. To pass the Qualification Pack, every trainee should score a minimum of 70% in every NOS.
6. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack.
7. In case of *unsuccessful completion*, the trainee may seek reassessment on the Qualification Pack.

Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Practical Skills
HCS/N7401 Carry out pre dyeing activities: desizing, scouring, bleaching	PC1.summarize the task mentioned in the work order	<b>100</b>	4	1	3
	PC2.ensure that the working spot is empty & clean		3	0	3
	PC3.ensure to carry out the desizing operation of jute yarn by simply water boiling for 30 minutes followed by normal washing		4	1	3
	PC4.for starch based size ensure to carry out the desizing operation by immersing the yarns in a vessel containing 2-3 gram per litre hydrochloric acid at ambient temperature for 30-60 mins followed by thorough washing		5	2	3
	PC5.summarize the task mentioned in the work order		4	1	3
	PC6.ensure that the machine is empty & clean		3	0	3
	PC7.ensure to first weigh the desized material (yarn)		3	1	2
	PC8.take water in Jigger at MLR (material to liquor ratio) of 1:20		5	2	3





	PC9.add non-ionic detergent and soda ash to the water as per instruction of superior or mentioned in the recipe and prepare scouring liquor		5	2	3
	PC10.put the material (yarn) in the scouring liquor		4	1	3
	PC11.raise the temperature of the scouring liquor to 600C for yarn (700 - 800C for fabric) and keep the liquor at that temperature for 15-30 mins(fine yarn-15 mins, coarse yarn-30 mins)		5	2	3
	PC12.ensure to remove the material from hot bath and rinse the same in water		4	1	3
	PC13.summarize the task mentioned in the work order		4	1	3
	PC14.ensure that the machine is empty & clean		3	0	3
	PC15.ensure to first weigh the scoured material		4	1	3
	PC16.take water in Jigger at MLR (material to liquor ratio) of 1:20		5	1	4
	PC17.ensure to add following chemicals in the water as per instruction/ recipe i.e. hydrogen per-oxide (50%), sodium meta-silicate or stabiliser AWNI, try sodium phosphate or soda ash, lissapol-D paste		5	2	3
	PC18.introduce the material (yarn) in the bleaching liquor		4	1	3
	PC19.raise the temperature of the bleaching liquor to 800-850C for 60-120 minutes		4	1	3
	PC20.put the yarn hank in the bleaching bath maintained at 800-850C for 60-120 minutes with continuous stirring		4	1	3
	PC21.withdraw the material from the bleaching bath and Wash with plenty of water		5	1	4
	PC22.for neutralisation, keep the material in a bath containing acetic acid with occasional stirring for about 10 minutes		5	1	4
	PC23.wash the neutralised material with plenty of water		4	0	4
	PC24.get the material dried in air		4	1	3
		<b>Total</b>	<b>100</b>	<b>25</b>	<b>75</b>
HCS/N7402 Carry out dyeing of	PC1.summarize the task in the work order	<b>100</b>	8	2	6
	PC2.check that the container for carrying out dyeing is clean		9	2	7



hank jute yarn	PC3.identify the right type of dye for dyeing the selected yarn		8	2	6
	PC4.ensure that the right quality of water, dye and other chemicals is available		8	2	6
	PC5.weigh and arrange the required chemicals and dyes for preparing the bath		9	2	7
	PC6.prepare the bath for carrying out dyeing		9	2	7
	PC7.ensure that the right condition (temperature, pH level etc.) of the bath is prepared		8	2	6
	PC8.ensure proper immersion and timely rotation of yarn, if required		8	2	6
	PC9.carry out dyeing of selected yarn as per the specified time limit		9	3	6
	PC10.clean the container used for carrying out dyeing		8	2	6
	PC11.dispose of the waste materials in the approved manner		8	2	6
	PC12.leave the work area safe and secure when work is complete		8	2	6
		<b>Total</b>	<b>100</b>	<b>25</b>	<b>75</b>
HCS/N7403 Carry out finishing of dyed jute yarns	PC1.analyse the type of finishing activities (washing, soaping, softening, fixing, sizing etc.) to be carried out according to yarn, dye type and specific end used	<b>100</b>	11	3	8
	PC2.weigh and arrange the required chemicals for preparing the bath		11	3	8
	PC3.check that the container for carrying out finishing activities is clean		11	3	8
	PC4.ensure that the right quality of water and other chemicals is available		11	2	9
	PC5.prepare the bath for carrying out finishing activities		12	3	9
	PC6.carry out required finishing activities		11	3	8
	PC7.follow the technique for drying (Sunlight or shade etc.) depending upon the type of dye used		11	3	8
	PC8.dispose of the waste materials in the approved manner		11	2	9
	PC9.leave work area safe and secure when work is complete		11	3	8
		<b>Total</b>	<b>100</b>	<b>25</b>	<b>75</b>



HCS/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 warping		5	2	3
	PC6.carry out maintenance and/or cleaning within one's responsibility		5	2	3
	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 with 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
	<b>Total</b>	<b>50</b>	<b>19</b>	<b>31</b>	
HCS/N9006 Working in a team in handloom sector	PC1.be accountable to one's own role in the whole process	50	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 workplace 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
	<b>Total</b>	<b>50</b>	<b>19</b>	<b>31</b>	
HCS/N9007 Maintain health, safety and	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



security at work place in handloom sector	PC3.carry out own activities in line with approved guidelines and procedures		4	1	4	
	PC4.maintain a healthy lifestyle and guard against dependency on in toxicants		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 existing in the workplace		4	1	3	
	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	
			<b>Total</b>	<b>100</b>	<b>33</b>	<b>67</b>
	HCS/N9008 Comply with	PC1.perform own duties effectively	50	5	2	3
PC2.take responsibility for own actions		5		2	3	



work place requirements in handloom sector	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
		<b>Total</b>	<b>50</b>	<b>20</b>	<b>30</b>
<b>Grand Total</b>			<b>550</b>	<b>166</b>	<b>384</b>