



National Competency Standards for

“Textile Wet Processing”

(Assistant Operator)

Level-2



National Vocational and Technical Training Commission
(NAVTTTC) Government of Pakistan



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INTRODUCTION

Pakistan is the 8th largest exporter of textile products in Asia. It is 4th largest producer and 3rd largest consumer of cotton. It comprises of 46% of the total manufacturing sector and provides employment to 40% of the total labor force. 5% of the total textile companies are listed on the stock exchange.

The textile sector contributes 8.5 % of total GDP of Pakistan.

Thus, making it imperative for Pakistan government to actively train the individuals to attend to the needs of the ever challenging and rapidly evolving changes in the sector, Textile industry a highly challenging and well-paid professional is always in need of trained & quality-oriented staff

Whether it is merchandising/marketing, stitching /wet processing / HSE or awareness to the quality standards, the industry is always in need of quality individuals.

Textile industry competency standards deal with the knowledge and skills required in the provision of wet processing. These standards focus on the procedures to equip the work force with the knowledge and skills that personify the efficient work performance in assisting the higher management in delivering the quality products & services

This course on wet processing is designed as a comprehensive training program for both male and female students at diploma level (level1-5). This training program covers all features of wet processing like introduction of the concept, principles, constituents, organization, etc.; as well as technological issues involved. It also involves the management of multitude of activities covering all aspects of wet processing

PURPOSE OF THE QUALIFICATION

The competency based NVQ has been developed to train the unskilled men and women of Pakistan on the technical and entrepreneurial skills to be employed / self-employed and inevitably set sustainable impact on their lives by increase in their



livelihood income generation.

The purpose of this qualification is to give the candidate a thorough understanding and skills of the textile sector with special reference to wet processing in three years training programme. The textile industry needs skilled labour for meeting the national and international standards. It is therefore important to stress the need for a multidisciplinary approach to meet the challenges within the sector. Upon successful completion of this course the trainee should be able to:

- Core elements and the development of textile industry
- Give an account of essentials textile industry and future of this industry
- Demonstrate an understanding of different textile traits.
- Point out relevant industry stakeholders & their roles in driving innovative in textile management
- Improve the professional competence of the trainees
- Provide opportunities for recognition of skills attained through non-formal or informal pathways
- Improve the quality and effectiveness of training and assessment for textile industry skilled labour
- Enhance textile industry activities at regional/provincial/national levels through better approach

DATE OF VALIDATION

This national vocational qualification (NVQ) has been validated by the Qualifications Development Committee (QDC) in **06th to 10th December, 2021** and will remain in currency until June 2024.

*Shall be reviewed after 3 years



CODE OF QUALIFICATION

Qualification Title	Code
National Vocational Certificate Level 2, in (Textile Wet Processing) "Assistant Operator"	0723TWP01

ENTRY REQUIREMENTS

For National Vocational Certificate Level-2 in Textile Wet Processing, the entry requirement is Middle.



QUALIFICATIONS DEVELOPMENT COMMITTEE

The following members participated in the qualification development of these qualifications:

Sr. No.	Name	Designation	Organization
1.	Mr. Muhammad Aasim	Assistant Director,	NAVTTTC Coordinator, Islamabad
2.	Ms. Mehwish Aisha	DACUM Facilitator	CBT Expert/Certified Assessor
3.	Mr. Muhammad Irfan	Principal	GAMTI (PTEVTA), Township, Lahore
4.	Ms. Ayesha Yameen	Deputy Manager	Friends Enterprises Lahore
5.	Ms. Qurbat Zahra	Director	Adamjee Enterprises BOR Society Lahore
6.	Ms. Tehrim Ijaz	MTO	Taiga Apparels
7.	Ms. Warda Afzal	Instructor Clothing & Textiles	GCTW Lytton Lahore
8.	Mr. Hassan Tariq	DGM	Laundry and Development Cotton Web Ltd, Lahore
9.	Mr. Ahsan Nazer	Director	RND NTU Faisalabad
10.	Mr. Ayazudin	CEO, Reet Garment, Lahore	
11.	Mr. Abdul Samad	Freelancer	, MBA, Faisalabad
12.	Ms. Mehak Hamid	Fashion Designer & Assessor,	UMT, Sialkot
13.	Mr. Imran Afzal	GM,	Future session pvt. Ltd.
14.	Mr. Kashif Asif Mirza	Divisional Head EC	RUDOLF Pakistan



15.	Mr. Ali Abbas	Director	Arts and Design Lahore
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QUALIFICATIONS REVIEW AND VALIDATION COMMITTEE

The following members participated in the qualification development of these qualifications:

Sr. No.	Name	Designation	Organization
1.	Mr. Shahzad Ahmad	Director	VT, NAVTTC HQ, Islamabad
2.	Ms. Mehwish Aisha	DACUM Facilitator	CBT Expert/Certified Assessor
3.	Mr. Muhammad Irfan	Principal	GAMTI (PTEVTA), Township, Lahore
4.	Ms. Warda Afzal	Instructor	GCT(W), Lytton Road, Lahore
5.	Ms. Syeda Fatima Iqbal	System Analyst	PBTE, Lahore
6.	Ms. Mehak Hamid	Lecturer	UMT, Sialkot
7.	Ms. Amreen Hassan	Lecturer	LPDI, Sialkot
8.	Ms. Manal Akhtar	Quality Assurance Supervisor	Interloop, Faisalabad
9.	Ms. Faiza Jabeen	Fashion & Textile Designer	The Trendy House
10.	Ms. Sameen Aslam	Instructor	
11.	Ms. Muhammad Shahzad	Sr. Instructor (Textile)	GCT (Campus), PTUT, Lahore



SUMMARY OF COMPETENCY STANDARDS

“Assistant Operator” (6 Months)								
Code	Competency Standards	Level	Theory		Practical		Total	
			C	Hr.	C	Hr.	C	Hr.
1.	A-Maintain Personal Health, hygiene and safety	2	2	20	1	10	3	30
2.	B-Perform Basic Communication Skills	2	2	20	1	10	3	30
3.	C-Operate Computer Functions (General)	2	1	10	2	20	3	30
4.	D- Manage Waste Materials at Workplace	2	2	20	4	40	6	60
5.	E- Perform Fabric Pre-treatments for Wet Processing	2	3	30	15	150	18	180
6.	F- Perform Basic Printing	2	3	30	24	240	27	270
Total			13	130	47	470	60	600



Competency Standard A: Maintain Personal Health, Hygiene and Safety - 101200829

Overview: This Competency Standard identifies the competencies required to protect/apply occupational Safety, Health and Environment at workplace according to the industry's approved guidelines, procedures and interpret environmental rules/regulations. Trainee will be expected to identify and use Personal Protective Equipment (PPE) according to the work place requirements. The underpinning knowledge regarding Observe Occupational Safety and Health (OSH) will be sufficient to provide the basis for the job at workplace.

Competency Units	Performance Criteria
CU1. Identify Hazards at Workplace	<p>You must be able to:</p> <p>P1. Interpret work processes and procedures correctly to identify risk to Health, hygiene and safety at workplace</p> <p>P2. Recognize processes, tools, equipment and consumable materials that have the potential to cause harm</p> <p>P3. Prepare Report of the identified risk to Health, hygiene and safety</p>
CU2. Apply Personal Protective and Safety Equipment (PPE)	<p>You must be able to:</p> <p>P1. Select personal protective equipment in terms of type and quantity according to work orders.</p> <p>P2. Wear, adjust, and maintain personal protective equipment to ensure correct fit and optimum protection in compliance with company procedures.</p> <p>P3. Ensure personal protective equipment is cleaned and stored in proper place.</p>
CU3. Observe Occupational Safety and Health (OSH)	<p>You must be able to:</p> <p>P1. Maintain cleanliness and hygiene as per organizational policy</p> <p>P2. Comply with Health, hygiene and safety precautions before starting work</p> <p>P3. Follow organizational Health, hygiene and safety guidelines during work</p>



	<p>P4. Deal with resolvable problems according to prescribed procedures</p> <p>P5. Place the tools equipment etc at their prescribed place after completion of work</p> <p>P6. Identify the safety signs and symbols</p> <p>P7. Erect barricades, hoardings, signage in the hazardous areas</p> <p>P8. Maintain cleanliness and hygiene as per organizational policy</p> <p>P9. Follow organizational Health, hygiene and safety guidelines during work</p> <p>P10. Report unsafe condition to immediate supervisor</p>
<p>CU4. Dispose of hazardous Waste/materials</p>	<p><i>You must be able to:</i></p> <p>P1. Identify hazardous waste/ drug materials which needs to be disposed off</p> <p>P2. Collect hazardous or non-hazardous waste carefully from the designated area as per approved procedure</p> <p>P3. Use proper disposal hazardous containers for dispose-off hazardous waste as per procedure</p> <p>P4. Take necessary precautions like putting masks and gloves while disposing hazardous waste/ materials as per standard operating procedure</p>
<p>CU5. Carry out First aid</p>	<p><i>You must be able to:</i></p> <p>P1. Identify items of first aid kit</p> <p>P2. Check expiry date of medicines</p> <p>P3. Identify potential dangers</p> <p>P4. Call for help</p> <p>P5. Check for a response</p> <p>P6. Check the casualty's airway</p> <p>P7. Check the casualty is breathing</p> <p>P8. Check the casualty's circulation</p> <p>P9. Perform first aid treatment for accidental bleeding</p>



Knowledge & Understanding

The student must be able to demonstrate knowledge and understanding required to carry out tasks covered in this competency standards. This includes the knowledge of:

- K1.** Safety rules and regulations of organization
- K2.** List of Personal protection and safety Equipment
- K3.** Meaning of Safety signs and symbols
- K4.** Safety related Standard Operating Procedure/guidelines
- K5.** Waste disposal SOP
- K6.** Best practices relating to clean work environment
- K7.** Best practices relating to safe work environment

Critical Evidence(s) Required

The candidate needs to produce following critical evidence (s) to be competent in this competency standard:

- 1. Explain Health, hygiene and safety procedures/precautions
- 2. Interpret Health, hygiene and safety signs and symbols
- 3. Describe Techniques and methods to identify the risks of hazards at workplace
- 4. Describe Techniques and methods to identify the risks of hazards at workplace
- 5. Safety reporting procedures and documentation
- 6. Use of Personal Protective Equipment
- 7. First Aid treatment methods
- 8. Identify possible hazards at workplace



Competency Standard B: Perform Basic Communication Skills - 073200592

Overview: This unit describes the skills and knowledge required to assist in the development of communication competence by providing information regarding different forms of communication and their appropriate use.

Competency Units	Performance Criteria
CU1. Work in Team	<p>You must be able to:</p> <p>P1. Treat team members with respect and maintain positive relationships to achieve common organizational goals</p> <p>P2. Listen to instructions carefully & comply with those instructions</p> <p>P3. Provide work related information to team members and identify interrelated work activities to avoid confusion</p> <p>P4. Adopt communication skills, appropriate to work activities and organizational/medical procedures</p> <p>P5. Identify problems and resolve them through discussion and mutual agreement</p>
CU2. Follow Supervisor's instructions	<p>You must be able to:</p> <p>P1. Carefully listen and note down the instructions of Supervisor</p> <p>P2. Carry out the instructions of the supervisor</p> <p>P3. Report to the supervisor as per organizational SOPs</p>

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard. This includes the knowledge of:

- K1.** Reporting techniques
- K2.** importance and application of Work ethics
- K3.** Explain the importance of Good communication skills (7Cs of effective communication)



- K4.** Explain the importance of Basic computer skills
- K5.** Workplace dress code
- K6.** Describe the role of team members and functionality of the teams
- K7.** Describe team dynamics and stages of team development
- K8.** Describe Conflict resolution strategies
- K9.** Prepare relevant documents and reports

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

1. Effective communication with colleagues, clients and supervisors
2. Office reports
3. Computer literacy certificate



Competency Standard C: Operate Computer Functions (General) - 724DOT04A

Overview: The competency Standard describe skills and knowledge required to setup a computer system, organize files in folders, and shutdown a computer system.

Competency Units	Performance Criteria
CU1. Set up the computer for use	<p><i>You must be able to:</i></p> <p>P1. Identify physical components of computer</p> <p>P2. Identify peripheral devices of the computer</p> <p>P3. Connect all components of computer</p> <p>P4. Follow procedures to turn on the computer system</p>
CU2. Organize files in folder	<p><i>You must be able to:</i></p> <p>P1. Create folders/subfolders with suitable names</p> <p>P2. Save files in relevant folders.</p> <p>P3. Rename and move folders in different drives.</p> <p>P4. Move folders and files using drag and drop techniques</p> <p>P5. Save folders and files on different media</p> <p>P6. Search for folders/subfolders and files using appropriate tool bars</p> <p>P7. Delete Folder files</p> <p>P8. Restore deleted folder files</p>
CU3. Shut down computer system	<p><i>You must be able to:</i></p> <p>P1. Save any work to be retained</p> <p>P2. Close open application programs correctly</p> <p>P3. Shut down computer</p> <p>P4. Switch off any unused peripheral devices</p> <p>P5. Ensure computer safety</p>

Knowledge & Understanding

This competency standard will provide knowledge related to:

- K1.** Basic parts of a computer
- K2.** Definition of computer



- K3.** Definition of Drives
- K4.** Enlist computer component

Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- 1.** Switch on the computer
- 2.** Attach Computer component
- 3.** Switch on Peripheral devices
- 4.** Make a folder in any partition(drive) in hard disk
- 5.** Give name to the folder
- 6.** Save file in the folder
- 7.** delete the folder/File
- 8.** Shut down computer



Competency Standard D: Manage Waste Materials at Workplace - 0723TWP01A

Overview: This competency standard deal with learning the competencies needed to Carryout General Maintenance. That includes diagnose the problem related to the battery and starting system and enable the learner to troubleshoot the system if not working. Your underpinning knowledge will be sufficient to provide you the basis for your work.

Competency Units	Performance Criteria
CU1. Characterise the final waste	You must be able to: P1. Sort the generated waste (Hazardous and non-Hazardous) at workplace P2. Maintain record of waste materials
CU2. Dispose off the final waste	You must be able to: P1. Identify waste in the relevant department P2. Store the waste at specified area for further disposal process P3. Perform green waste management practices

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard. This includes the knowledge of:

- K1.** Types of waste
- K2.** Methods of collection of waste
- K3.** Methods of Sorting waste
- K4.** Methods of disposing waste
- K5.** Concept of Material Safety Data Sheets (MSDS)

Critical Evidence(s) Required

The candidate needs to produce any or all of the following documents/evidences:



1. Portfolio
2. Assignment(s)/Project(s)

Furthermore, the candidate must execute demonstration(s) which may include the following:

1. Explain the composition of waste.
2. Differentiate between Waste which remain at road sides or at producers
3. Identify whether separate pre-collection or collection has occurred
4. Sort the waste
5. Shred the waste
6. Perform the baling process
7. Perform incineration(burning) or Land filling whichever is appropriate according to the type of waste



Competency Standard E: Perform Fabric Pre-treatments for Wet Processing - 0723TWP01B

Overview: This competency standard deal with learning the competencies needed to perform Fabric Pre-treatments for Wet Processing. That includes Fabric Preparation, De-Sizing, Singeing, Scouring and Bleaching processes. Your underpinning knowledge will be sufficient to provide you the basis for your work.

Competency Units	Performance Criteria
CU1. Perform Fabric Preparation for Wet Processing	<p>You must be able to:</p> <p>P1. Interpret Specification Sheet/Processing Order (PO) to follow preparation parameters.</p> <p>P2. Arrange material (Fabric, Chemicals, Batchers Trolley, etc.) as per Specification Sheet/Processing Order (PO).</p> <p>P3. Verify material and machine parameters according to Specification Sheet/Processing Order (PO).</p> <p>P4. Verify Job Card/Travel Card</p> <p>P5. Maintain Lot Register/Record</p>
CU2. Perform Basic Tasks for Wet processing	<p>You must be able to:</p> <p>P1. Load Fabric on required Machine</p> <p>P2. Unload Fabric from Machine</p> <p>P3. Add Recipe to required Machine</p> <p>P4. Manage Trollies/Batchers</p>
CU3. Perform Singeing	<p>You must be able to:</p> <p>P1. Prepare workstation for Singeing</p> <p>P2. Interpret Specification Sheet/Processing Order (PO) for operating Plate Singeing/Flame Singeing Machine</p> <p>P3. Arrange material for Singeing process as per Specification Sheet/Processing Order (PO)</p> <p>P4. Load fabric on the Singeing machine</p> <p>P5. Set Singeing machine parameters as per Singeing process requirement/Specification Sheet/Processing Order (PO)</p>



	<p>P6. Operate Plate/Flame Singeing Machine</p> <p>P7. Maintain quality parameters during process according to protocol.</p> <p>P8. Unload fabric after completion the job</p> <p>P9. Maintain Production Register for Singed Fabric</p>
CU4. Perform De-Sizing	<p>You must be able to:</p> <p>P1. Prepare workstation for De-Sizing</p> <p>P2. Interpret Specification Sheet/Processing Order (PO) for operating De-Sizing machine</p> <p>P3. Arrange material for De-Sizing process as per Specification Sheet/Processing Order (PO)</p> <p>P4. Load fabric on the De-Sizing machine</p> <p>P5. Set De-Sizing machine parameters as per De-Sizing process requirement/Specification Sheet/Processing Order (PO)</p> <p>P6. Operate De-Sizing machine</p> <p>P7. Maintain quality parameters during process according to protocol.</p> <p>P8. Unload fabric after completion the job</p> <p>P9. Maintain Production Register for De-Sized fabric</p>
CU5. Perform Scouring	<p>You must be able to:</p> <p>P1. Prepare workstation for Scouring process</p> <p>P2. Interpret Specification Sheet/Processing Order (PO) for operating Scouring Machine</p> <p>P3. Arrange material for Scouring process as per Specification Sheet/Processing Order (PO)</p> <p>P4. Load fabric on Boiling machine/Jigger in batch process</p> <p>P5. Set Scouring machine parameters as per Scouring process requirement/Specification Sheet/Processing Order (PO).</p> <p>P6. Operate Scouring Machine to perform scouring as per Specification Sheet/Processing Order (PO)</p> <p>P7. Remove the liquor at required temperature</p> <p>P8. Neutralize the fabric</p>



	<p>P9. Perform cool wash</p> <p>P10. Maintain quality parameters during process according to protocol.</p> <p>P11. Unload fabric after completion the job</p> <p>P12. Remove the liquor without water after boiling</p> <p>P13. Maintain Production Register for Scoured Fabric</p>
CU6. Perform Bleaching	<p>You must be able to:</p> <p>P1. Prepare workstation for Bleaching</p> <p>P2. Interpret Specification Sheet/Processing Order (PO) for Bleaching</p> <p>P3. Arrange material for Bleaching process as per Specification Sheet/Processing Order (PO)</p> <p>P4. Load fabric on the Bleaching machine</p> <p>P5. Set Bleaching machine parameters as per Bleaching process requirement/Specification Sheet/Processing Order (PO).</p> <p>P6. Operate Bleaching Machine to perform bleaching as per Specification Sheet/Processing Order (PO)</p> <p>P7. Maintain quality parameters during process according to protocol.</p> <p>P8. Unload fabric after completion the job</p> <p>P9. Maintain Production Register for Bleached Fabric</p>
CU7. Perform Mercerizing	<p>You must be able to:</p> <p>P1. Prepare workstation for Mercerizing</p> <p>P2. Interpret Specification Sheet/Processing Order (PO) for Mercerizing</p> <p>P3. Arrange material for Mercerizing process as per Specification Sheet/Processing Order (PO)</p> <p>P4. Set the concentration of Caustic Soda</p> <p>P5. Load fabric on the Mercerizing machine</p> <p>P6. Set Mercerizing machine parameters as per Bleaching process requirement/Specification Sheet/Processing Order (PO).</p> <p>P7. Operate Mercerizing machine to perform bleaching as</p>



	<p>per Specification Sheet/Processing Order (PO)</p> <p>P8. Maintain quality parameters during process according to protocol.</p> <p>P9. Unload fabric after completion the job</p> <p>P10. Maintain Production Register for Mercerized Fabric</p>
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Knowledge & Understanding

The trainee must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard. This includes the knowledge of:

- K1.** Describe Fabric Preparation tasks for Wet Processing
- K2.** Describe Basic Tasks for Dyeing and Printing of Fabric
- K3.** Types of De-Sizing (Hydrolytic, Oxidative and Novel Technique)
- K4.** Types of Singeing (Plate Singeing, Flame Singeing, etc.)
- K5.** Concept of Scouring
- K6.** Objectives of Bleaching
- K7.** Quality Parameters

Critical Evidence(s) Required

The candidate needs to produce any or all of the following documents/evidences:

- 1. Portfolio
- 2. Assignment(s)/Project(s)

Furthermore, the candidate must execute demonstration(s) which may include the following:

- 1. Perform De-Sizing
- 2. Explain Singeing
- 3. Explain Scouring
- 4. Explain Bleaching



Competency Standard F: Perform Basic Printing - 0723TWP01C

Overview: This competency standard deal with learning the competencies needed to Perform Basic Tasks for Wet Processing. That includes performing colour theory, preparing basic colour recipes, preparing basic screens for printing and perform table screen printing. Your underpinning knowledge will be sufficient to provide you the basis for your work.

Competency Units	Performance Criteria
CU1. Perform Colour Theory	<p>You must be able to:</p> <p>P1. Develop Colour Wheel, including</p> <ul style="list-style-type: none"> ○ Primary Colours ○ Secondary Colours ○ Tertiary Colours ○ Complementary Colours ○ Split Complementary Colours ○ Triadic Colours ○ Tetradic Colours ○ Analogous Colours ○ Neutral Colours ○ Monochromatic Colours ○ Tints and shades ○ Warm Colours ○ Cool Colours <p>P2. Develop Colour Schemes/Combinations</p>
CU2. Prepare Basic Colour Recipes	<p>You must be able to:</p> <p>P1. Arrange material, tools and equipment to prepare basic colour recipes</p> <p>P2. Mix primary colours/dyes to prepare dilute solution as per Formula</p> <p>P3. Dip swatches in solution for colour recognition</p> <p>P4. Maintain temperature/chemicals as per requirement</p> <p>P5. Wash the fabric and verify colour as per requirement</p>



<p>CU3. Prepare Basic Screen for printing</p>	<p>You must be able to:</p> <p>P1. Arrange material, tools and equipment to prepare basic Screen</p> <p>P2. Select Screen Mesh as per design requirement</p> <p>P3. Mount the Screen on frame</p> <p>P4. Block the part in Negative image</p> <p>P5. Apply Emulsion</p> <p>P6. Expose the screen in Light</p> <p>P7. Wash and dry the screen</p>
<p>CU4. Perform Table Screen Printing</p>	<p>You must be able to:</p> <p>P1. Prepare workstation for Table Screen Printing</p> <p>P2. Interpret Specification Sheet/Processing Order (PO) for Table Screen Printing</p> <p>P3. Arrange material for Table Screen Printing as per Specification Sheet/Processing Order (PO)</p> <p>P4. Set sequence of colour according to design</p> <p>P5. Apply printing paste according to design from colour kitchen</p> <p>P6. Perform manual Table Screen Printing as per design nature</p> <p>P7. Dry printed material as per SOPs.</p> <p>P8. Perform fixation process on material according to nature of colorant and fabric</p> <p>P9. Maintain quality parameters during process according to protocol</p> <p>P10. Maintain Production Register for Table Screen Printing</p>

Knowledge & Understanding

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard. This includes the knowledge of:

K1. Define Colour Theory

K2. Explain types of dyeing colours



- K3.** Explain the process to prepare basic colour recipes
- K4.** Explain the process to prepare Basic Screens for printing
- K5.** Explain the process to perform Table Screen Printing

Critical Evidence(s) Required

The candidate needs to produce any or all of the following documents/evidences:

1. Portfolio
2. Assignment(s)/Project(s)

Furthermore, the candidate must execute demonstration(s) which may include the following:

1. Prepare Basic Screens for printing
2. Perform Table Screen Printing



COMPLETE LIST OF TOOLS AND EQUIPMENT

SR#	Tools & Equipment	Quantity
1.	Computer Systems	25
2.	Scanner	1
3.	Printer	1
4.	Panton Book	1
5.	Pick Glass/Magnifying Glass	25
6.	Textile/Fabric Light Box	1
7.	Scissors	25
8.	Electronic Weight Scale	1
9.	Measuring Tape	25
10.	Colour Pallets	25
11.	Colour Brushes Set	25
12.	Singeing/De-Sizing Plant	1
13.	L-Box/J-Box/Jigger/Winch Machine	1
14.	Screens	25
15.	Squeegees	25
16.	Tables for Screen printing	25
17.	Bowls/Buckets	25
18.	Batcher Trollies	5