

(BASIC TEXTILE OPERATION)

NTQF Level -1

Learning Guide -77

**Unit of Competence: Apply Finishing Processes to
Textile and Garments**

**Module Title: Applying Finishing Processes
to Textile and Garments**

LG Code: IND BTO1 M20 LO3-LG-77

TTLM Code: IND BTO1 TTLM 0919v1

LO3. Remove product and dispatch



Instruction Sheet

Learning Guide #77

This learning guide is developed to provide you the necessary information regarding the following **content coverage** and topics:

- Checking products against quality standards
- Unloading or removing the product from finishing area according to specifications
- Dispatching the Product
- Completing area clean to ensure work environment is maintained in a safe and productive manner

This guide will also assist you to attain the learning outcome stated in the cover page.

Specifically, upon completion of this Learning Guide, **you will be able to:**

- Check products against quality standards
- Unload or remove the product from finishing area according to specifications
- Dispatch the Product
- Complete area clean to ensure work environment is maintained in a safe and productive manner

Learning Instructions:

1. Read the specific objectives of this Learning Guide.
2. Follow the instructions described in number 3 to 17.
3. Read the information written in the “Information Sheets 1”. Try to understand what are being discussed. Ask you teacher for assistance if you have hard time understanding them.
4. Accomplish the “Self-check 1”.
5. Ask from your teacher the key to correction (key answers) or you can request your teacher to correct your work. (You are to get the key answer only after you finished answering the Self-check 1).
6. If you earned a satisfactory evaluation proceed to “Information Sheet 2”. However, if your rating is unsatisfactory, see your teacher for further instructions.
7. Read the information written in the “Information Sheet 2”. Try to understand what are being discussed. Ask you teacher for assistance if you have hard time understanding them.
8. Accomplish the “Self-check 2”.
9. Ask from your teacher the key to correction (key answers) or you can request your teacher to correct your work. (You are to get the key answer only after you finished answering the Self-check 2).



10. If you earned a satisfactory evaluation proceed to “Information Sheet 3”. However, if your rating is unsatisfactory, see your teacher for further instructions.
11. Read the information written in the “Information Sheets 3”. And Try to understand what are being discussed. Ask you teacher for assistance if you have hard time understanding them.
12. Accomplish the “Self-check 3”.
13. Ask from your teacher the key to correction (key answers) or you can request your teacher to correct your work. (You are to get the key answer only after you finished answering the Self-check 3).
14. If you earned a satisfactory evaluation proceed to “information sheet 4”. However, if your rating is unsatisfactory, see your teacher for further instructions
15. Read the “information sheet 4” and try to understand the procedures discussed.
16. Accomplish the “Self-check 4”.
17. Ask from your teacher the key to correction (key answers) or you can request your teacher to correct your work. (You are to get the key answer only after you finished answering the Self-check 4).



Information Sheet-1	Checking products against quality standards
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- Finished fabrics and products must be tested in an accredited laboratory using Marks & Spencer test methods to demonstrate that the product meets the required specification and standards.
- A record of the test results must be kept in case there are any consumer complaints, product failures or legal investigations.
- It is strongly recommend that products are tested throughout the production process to ensure that each stage of the production process is consistent.
- These test results can be analysed to identify patterns of failure and an action plan can be developed to improve processing consistencies.

Self-Check -1	Written Test
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Directions: Answer all the questions listed below. Use the Answer sheet provided in the next page:

1. Why to check products against quality standards? (3 point)

Note: Satisfactory rating - 3 points

Unsatisfactory - below 3 points

Answer Sheet

Score = _____

Rating: _____

Name: _____

Date: _____

Short Answer Questions

1. _____



Information Sheet-2	unload or remove the product from finishing area
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Unloading means removing the goods from truck or cargo. Unloading of goods is often required when the goods are delivered to the customer. When the goods are bulky and complex, poor handling of the goods can often cause damage to the goods and hence this task is often outsourced to the transporting facilities by the companies.

It is of great significance since there is a lot of risk involved and hence it is advised not to do the loading and unloading themselves as there may be a possibility of a valuable loss of goods. There are many independent loading and unloading service providers who make sure that the goods reach the destination in the perfect condition and then they also unpack the goods at the destination with utmost care and attention. Mostly the customers should choose a moving company which has some prior experience.

The moving companies provide suitable transportation vehicles like trucks to ensure the safety and timely delivery of the goods. They are the experts as they know how to place the goods in the transportation vehicle so that goods don't get damaged while the vehicle is moving. The service should be highly systematic, organized and reliable without causing any anxiety to the customers.

After the first pre-determined length and weight of sliver is coiled on the given can and get full, then it is doffed or removed from the machine and replaced with empty can for similar activity.



Directions: Answer all the questions listed below. Use the Answer sheet provided in the next page:

1. Discuss unloading of the finishing products. (3 point)

Note: Satisfactory rating - 3 points

Unsatisfactory - below 3 points

Answer Sheet

Score = _____

Rating: _____

Name: _____

Date: _____

Short Answer Questions

1. _____



Information Sheet-3

Dispatch the Product

Product dispatching is activity that is performed after the product is doffed and checked to confirm the required standard. So product dispatching is simply distributing the prepared product to the next line process or customers for use.

The companies provide suitable transportation vehicles like trucks to ensure the safety and timely delivery of the goods. They are the experts as they know how to place the goods in the transportation vehicle so that goods don't get damaged while the vehicle is moving. The service should be highly systematic, organized and reliable without causing any anxiety to the customers.

- The functional separation concept should continue during transportation of clean textiles to the customer.
- Transport clean and soiled output in containers that functionally separate them from other output in the vehicle.
- Consider cleaning and packaging. Reusable bags, containers, or carts used to transport the product must be properly cleaned before they are used to transport clean or soiled linen in order to maintain functional separation.
- Hand sanitizer dispenser should be available for use in all delivery trucks.
- Spill Kits should also be available for use when necessary.
- Dispatching is the routine of setting productive activities in motion through the release of orders and necessary instructions according to pre-planned times and sequence of operations embodied in route sheets and loading schedules.
- In other words, once a job is in an area where an operation is to be performed, it has to be determined when and by whom the job will be processed and also the sequence of waiting orders to be processed. The decision of assigning the various jobs to different machines and equipment is called Dispatching.

Functions of Dispatching

- (i) To check the availability of input materials and ensure the movement of material from store to first process and then from process to process.
- (ii) To ensure the availability of all production and inspection aids.
- (iii) To obtain the requisite drawings, specifications and material lists.
- (iv) To assign the work appropriate machine, workplace and men.



- (v) The issue of job orders authorizing operations in accordance with dates and times previously planned and entered on load charts and route sheets.
- (vi) The issue of time tickets, instruction cards and other required items to the workers who are to perform the various activities.
- (vii) The issue of inspection orders after each operation in order to determine result regarding the quality of products if excessive spoilage occurs, to find out its causes.
- (viii) Clean up on jobs, collection of time tickets, blueprints and instruction cards and their return to appropriate section of production control deptt.
- (ix) To ensure that the work is forwarded to next department, storeroom etc.
- (x) To record the beginning and completion times of jobs on time tickets for calculation of time interval. To forward time ticket to accounts deptt for preparing wages.
- (xi) To record and report idle time of men and machines and request for corrective action required.



Self-Check –3	Written Test
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Directions: Answer all the questions listed below. Use the Answer sheet provided in the next page:

1. Discuss dispatching of finishing the Product. (5 point)

Note: Satisfactory rating - 5 points

Unsatisfactory - below 5 points

Answer Sheet

Score = _____

Rating: _____

Name: _____

Date: _____

Short Answer Questions

1. _____



Information Sheet-4

Complete record and clean the area to ensure work environment

- All processing output products record and filed.
- Any injury and fault of production are record properly.
- record any maintenance activity and maintain the machine with in your program
- the work place area must be clean and suitable
- Enhance the grease or lubricant for the machine parts against to specification.
- The term "properly cleaned" means either steam-cleaned or cleaned with an approved cleansing agent/ disinfectant and water solution.

Self-Check –4

Written Test

Directions: Answer all the questions listed below. Use the Answer sheet provided in the next page:

1. Discuss about complete record and clean the area to ensure work environment. (5 point)

Note: Satisfactory rating - 5 points

Unsatisfactory - below 5 points

Answer Sheet

Score = _____

Rating: _____

Name: _____

Date: _____

Short Answer Questions

1. _____



List of Reference Materials

- 1- Reference books of textile technologies for finishing by Pietro Bellini Ferruccio Bonetti
Ester Franzetti giuseppe Rosace Sergio Vago
- 2- Cotton: Science and technology Edited by S. Gordon and Y-L. Hsieh
- 3- Chemistry & Technology of Fabric Preparation & Finishing by Dr. Charles Tomasino
- 4- Chemical finishing of textiles W. D. Schindler and P. J. Hauser
- 5- Encyclopedia of Textile Finishing by Prof. Dr. rer. nat. Hans-Karl Rouette