



Faculty of Engineering
Department of Textile Engineering

Thesis Report on
Merchandising Procedure of Ernsting's Family
Buyer for Denim Items

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A thesis submitted in partial fulfillment of the requirements for the degree of
Bachelor of Science in Textile Engineering

Advance in Apparel Manufacturing Technology

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DECLARATION

I affirm that I conducted this research under the supervision of **MD. Abdullah Al-Mamun**, an Associate Professor in the Department of Textile Engineering at Daffodil International University. I affirm that this project and its components have not been submitted to any other school for evaluation toward a degree or diploma. I have presented this concept to work on the **DENIMIC LIMITED** of **Ernsting's family** merchandising method to gain valuable knowledge and experience.

Submitted by:



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LETTER OF APPROVAL

June, 2024

To

The Head Department of Textile Engineering
Daffodil Smart City (DSC), Birulia, Savar, Dhaka-1216.

Subject: Approval of Thesis Report of B.Sc. in TE Program

Dear Sir,

I am writing to notify you that the project report titled "Study on Merchandising Procedure of **Ernsting's Family Buyer** for Denim Items" at Daffodil International University, Spring - 2024, authored by student **Sajib Adhikary** with Student **ID: 212-23-5791**, has been finalized and is ready for evaluation. The entire report is founded upon thorough investigation and analysis of empirical facts. The students actively participated in the research, and the report offers significant insights. Thus, I kindly request that you approve this project report for its ultimate assessment.

Best regards,



Department of Textile Engineering
Faculty of Engineering
Daffodil International Engineering

ACKNOWLEDGMENT

I owe our ability to complete this thesis despite the epidemic to the blessings of the Almighty god, so let us begin by giving thanks to him. Second, may the prophet **DENIMIC LIMITED**, who provided me with a great opportunity.

At this point, we'd like to express our gratitude to several notable people who have had a significant impact on our ability to complete this project.

To begin, we would like to express our deepest gratitude to **MD. Abdullah Al-Mamun Sir**, Assistant Professor, Who was there for us at every turn, providing invaluable guidance and instruction. We rely on his advice to help us solve problems when they arise. Acting as a guardian, he assisted us.

Next then, we'd like to express our gratitude to my university, and in particular, my department, because our department has our gratitude. They made it possible for us to come here and learn. Their assistance made the project easier even while it was underway.

The opportunity to complete the thesis was greatly appreciated by the management of **DENIMIC LIMITED** and a lot of information regarding the Merchandising Activities of a company has been uncovered.

My Training supervisor, university seniors, and my **ERNSTING'S FAMILY** teammates deserve my deepest gratitude, **Mr. Semon Al Mamun** (Manager Merchandiser) and **Mr. Abir Hossain** (Merchandiser) at Denimic Limited. I owe them the entirety of my professional experience. Their achievements as successful merchandisers serve as my encouragement to follow in their footsteps.

DEDICATION

I want to give this credit to our wonderful parents, we offer our humble contribution.

It takes work on our part and the wisdom of our elders, particularly those who were important to us, to accomplish any challenging undertaking.

To all the dedicated and esteemed Teachers, whose love, care, support, and prayers help us succeed and be respected, we are eternally grateful. On behalf of my thesis advisors. I couldn't have finished it without their assistance.

ABSTRACT

My project titled “Merchandising Procedure of **Ernsting's Family** Buyer for Denim Items”. The merchandising **Woven and Denim** is detailed in this research report. I have done my best to detail the official processes involved in clothing retailing, from contacting the customer to confirm the order to delivery. This is mostly intended to the purpose of this research is to provide a well-defined conceptual understanding of clothing retailing so that everyone may understand it clearly. The role of the department tasked with mediating between the customer, manufacturer, and supplier is that of the merchandiser.

Merchandisers are experts in keeping track of many projects and schedules. But we humans will divide the entire promotional flowchart. Keeping this background in mind, we've set out to complete this project, which will shed light on the problems merchandisers have when working on their flowchart and provide some ideas for creative solutions.

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CHAPTER-01

1.1 Introduction

One sector that has been essential in Bangladesh's economic growth is the readymade clothes industry. Another source of national pride, the "Made in Bangladesh" label has become a globally recognized symbol of quality and excellence. The country that skeptics once called a "bottomless basket" is today known as a "basket full of wonders." The nation has achieved outstanding social and human development while maintaining an average GDP growth rate of 6% per year, despite its low resources.

Following its declaration of independence in 1971, Bangladesh fell into the category of the world's poorest nation. Because of the discriminatory policies and attitudes of the administration of what was then West Pakistan, Bangladesh did not establish any significant industry during its time as East Pakistan. So, it seemed like the greatest difficulty would be to reconstruct the war-ravaged country with scant resources.

As Bangladesh's primary export earner today, the readymade garment (RMG) sector has played a pivotal role in the country's economic and social recovery. A whopping 83% of the country's export revenues come from this industry.

Our reliance on "the jute industry" as an export earner began to wane, but it was the RMG sector that stepped in and eventually surpassed it.

It all began in the 1980s, but Bangladesh's garment industry has gone a long way since then. The readymade garment business in Bangladesh was pioneered by the late Nurool Quader Khan. He envisioned a way to revolutionize the nation. To learn how to make ready-to-wear clothing, he dispatched 130 trainees to South Korea in 1978.

He first established the firm "Desh Garments" to manufacture clothes for export with the help of those trainees.

They were followed by other astute and diligent businesspeople who established RMG companies around the nation. After then, the garment industry in Bangladesh stopped looking back. The industry has managed to carve out a position in the global market and keep displaying strong performance despite the challenges it has encountered in recent years.

Throughout its history, the industry has grown and evolved in response to a variety of catalysts. After becoming aware of the issue in 1994, we were able to eradicate child labor from the business in 1995.

Our industry was fortunate to have the MFA-quota to help it establish itself, grow, and reach maturity. Many people thought that our exports would be severely disrupted when the quota was about to expire in 2004.

On the other hand, success stories abound in the period after MFA. By overcoming the obstacles that arose after the MFA, we proved all the forecasts incorrect. With exports valued at nearly \$27.9 billion in the 2019–20 fiscal year, the garment industry has surpassed all others as Bangladesh's top export earner.

1.2 Aim of this report

The overarching goal of this research is to evaluate merchandisers' general purchasing and production processes. Exactly how they carry out order fulfillment, shipment delivery, and other business-related tasks, etc.

1. I want to find out how well the factory and buying house are doing.
2. Find out how the manufacturing and purchasing house are doing.
3. To put theoretical knowledge to work in the actual world.

Anyone who decides to work as a merchandiser needs to give some thought to the marketing problem and find the real solutions. Generally speaking, Bangladeshi garment merchants may work with three different types of fabrics: weave, woven, and non-woven.

Seller, as well as a seller of denim. Here we take a look at sew marketing, so viewers who are interested in starting a career in this field may learn more about it and receive a particular hypothesis. We also draw a stream diagram of sew garment marketing. Examining each and every marketing phase is, hence, the main objective of this assignment.

1.3 Objects:

This thesis primarily aims to get an understanding of the merchandiser's role in the garment industry as a whole. Methods by which they process orders, dispatch shipments, etc.

Additional goals are outlined below:

- ❖ To get further knowledge on the Ernsting's family Buyer's Service and Technical Evaluation.
To learn more about the Ernsting's family Buyer Enquiry Sheet.
- ❖ To be aware of business activity. To have knowledge about Ernsting's family Buyer Sample Development.
- ❖ In order to comprehend the Ernsting's family buyer's order form. In order to find out when the PP Meeting is planned.
- ❖ To have a good understanding of the shipping process.
- ❖ The process of gathering data on knitting, dying, finishing, and shipping.
- ❖ The goal is to have a better understanding of the RMG sector's affiliated organizations.
- ❖ In order to learn something new about knitting garments.
- ❖ To have a good understanding of the technical and management processes involved in the garment industry.
- ❖ For high-quality items to be produced by skilled laborers.

CHAPTER-02

Literature Review

Previous Work

Prior Experience

The merchandising process of knitwear was the subject of a literature review that we conducted. We have made an effort to display their results by identifying the session and their name.

2.1.1 Literature-01

Name	Section
MD. Semon Al Mamun	Summer 2009
MD. Mustakim Hasan Utsho	Fall 2019

Literature Topic: Study on merchandising procedure of ZARA buyer for Woven items

His findings concern the merchandising technique of knit clothes for P&C buyers, as discussed in this literature. Some details on the P&C buyer and the merchandising procedure were gleaned from that.

- Supplier – Aman Graphics & Designs Ltd.
- Buyer- ZARA
- Sample Style No: MS-SD32853F D3W
- Color Details- Scarlet, White, Dark Indigo, Blue, Red
- Fabric Name – Flannel Fabric

Consumption

- Design: Plain Weave
- Fabric Weight: 20.4 yd/dz

Price per dozen

- Costing for the garments is \$ 91.16 per dozen.
- Cost of Making is \$ 30.17 per dozen
- Fabric cost is \$ 40.6 per dozen

Definition of Merchandiser

Merchandisers are those who organize and oversee the buying, selling, and shipping of items to consumers. Retail merchandisers are vital to the success of any business because they decide what things to carry, how to present them, and how much to charge for them. They often review sales figures, consumer tastes, and market trends to make educated judgments on stock levels and advertising campaigns. Merchandisers maximize product offers and improve the shopping experience for customers. They can work for retail establishments, wholesalers, manufacturers, or as independent consultants.

- ❖ Merchandising is a word associated with commerce.
- ❖ Commercial exchanges include purchasing and selling goods and services.
- ❖ A merchandiser is someone who deals in trade.
- ❖ Merchandising is also the name given to the work that a merchandiser does.

Merchandise Developing and pricing a product is the primary goal of marketing merchandising. Everything from material sourcing to finished goods shipping falls under product merchandising, which is handled in-house in the garment unit.

Sorts of Merchandise (based on the kind of clothing item):

One definition of woven merchandising is the field that deals with the sale of garments made from woven cloth. Such as shirt, Pant, etc. Knit merchandising refers to the actions in the field of retail sales that focus on garments made from knit fabric. Like sweaters, polo shirts, and t-shirts.

Types of merchandising

The merchandise can also be categorized according to the sort of clothing business.

1. Buying House Merchandising

2. Factory Merchandising

Buying House Merchandising

The term "buying house merchandising" describes the work that purchasing houses and agents do in the textile and apparel industries on behalf of their customers, who are usually retailers or brands. A comprehensive overview of purchasing house merchandising is provided here:

Managing Suppliers and Sourcing:

The onus for finding reliable manufacturers and suppliers of clothing and textiles is on buying houses. They seek for possible vendors, negotiate terms and prices, and oversee connections to guarantee consistent, high-quality supply.

Processing and Following Up on Orders:

The buying house will place an order with the chosen supplier once the customer (retailer or brand) confirms the order. After that, they keep a careful eye on the production process to make sure that all deadlines are fulfilled, quality requirements are satisfied, and problems are resolved quickly.

Validation and Sampling:

Purchasing agents are in charge of coordinating all stages of sampling, from initial concept to final approved samples. To avoid disappointment when mass production starts, they check that the samples match the client's requirements.

Verification and Assessment of Quality:

One of the most important parts of purchasing house merchandising is quality control. Merchandisers check for flaws, consistency in quality, and conformity to agreed-upon standards at different points in the production process. On occasion, they could even bring in outside inspectors to check things out.

Order Fulfillment and Transportation Management:

Logistics and shipping are handled by buying houses. This includes getting goods from suppliers to distribution centers or warehouses, clearing customs, and then getting them to where the customer needs them. Their job is to make sure packages arrive safely and on schedule.

Business Research and Current Trends:

Market intelligence and trend research are additional services offered by buying houses to their clientele. For the purpose of advising clients on product sourcing and selection, they monitor industry developments, customer tastes, and fashion trends.

Factory Merchandising

In the context of textile and garment manufacture, "factory merchandising" is the management and coordination of merchandising operations within a manufacturing facility. An outline of the tasks involved in industrial merchandising is as follows:

Order Processing:

Purchasing agencies, popular brands, and stores place orders with factory merchandisers. They need to be familiar with the details of each order, such as the products' qualities, quantities, delivery dates, and specifications.

Time and Material Management in Production:

The plant's merchandisers organize and arrange manufacturing operations according to the needs of the orders and the capacity of the facility. Making ensuring orders are finished on schedule and up to quality standards requires coordination with several production divisions such as cutting, sewing, finishing, etc.

Price and Cost Analysis:

Merchandisers at factories are responsible for the price and costing of clothing. In order to figure out how much money to make off of each order, they figure out how much it will cost to make it. This includes things like supplies, labor, overhead, and more.

Assurance and Control of Quality:

Factory merchandising relies heavily on quality control. Quality control methods are put in place by merchandisers at every stage of manufacturing. They check, test, and audit the clothing to make sure they are up to par.

Purchasing and Material Management:

Procurement and sourcing of materials are responsibilities of factory merchandisers. They keep quality standards and cost-effectiveness in check by coordinating with suppliers to supply production-related materials and components on schedule.

Relationship and Communication Management:

In industrial merchandising, good communication is key. In order to keep clients, buying houses, and production teams updated on the status of their orders, merchandisers act as intermediaries and answer any questions or concerns that clients may have.

Improving and Solving Problems Continuously:

Merchandisers at manufacturing facilities are always looking for new ways to boost productivity, save expenses, and raise product quality. In order to keep manufacturing running smoothly, they also investigate and fix any problems that crop up.

The Goals of Merchandising

The primary goal of any well-managed merchandising department should be to increase product sales. It would have been wise for management to prioritize efficiency if they wanted to boost product sales. Merchandising management is based on a few fundamental goals. Here are the items:

- ✓ Some goals or targets are set by company authorities. One of the primary goals of this division is to provide customer satisfaction so that the business may achieve its objectives.
- ✓ To ensure that all manufacturing and sales processes run smoothly by maintaining the merchandising framework.

- ✓ Obtaining the most profit while simultaneously minimizing product costs is another primary objective.

Merchandising is the process of organizing and carrying out all the steps necessary to produce and ship goods promptly.

- **Right Quantity:** To dispatch right quantity of product what buyer ordered.
- **Right Quality:** It should be with right quality as accepted both parties.
- **Right Cost:** Everybody wants more from what they are paid.
- **Right Time:** No one wants to wait idle even in a Restaurant. Keeping delivery schedule is mandatory

Structure of Merchandising Department



Function of Merchandising Department

There are two main functions that the merchandising department serves. These individuals are-

- Pre-order merchandising
- Post-order merchandising

Pre-order merchandising

Merchandising that allows consumers to pre-order things before they are formally introduced or made available in stores is known as pre-order merchandising. This process entails clients submitting orders and payments for products that are either now being manufactured or will be manufactured in the near future. To summarize, pre-order merchandising consists of the following:

- ✓ Find out the buyer.
- ✓ Enquiry sheet receive from the buyer.
- ✓ Consumption calculation.
- ✓ Costing and quoting.
- ✓ Negotiation.
- ✓ Price affirmation after negotiation.
- ✓ Order confirmation.
- ✓ Receiving master Letter of credit.

1. New Product Introduction: With pre-order merchandising, businesses and retailers can show consumers new items before they hit store shelves. Customers become excited and anticipatory because of this.

2. Customer Commitment: This occurs when a customer places an order and often pays a portion of the whole price or the entire amount all at once. Thanks to this pledge, stores will be able to better predict customer demand and manage their stock.

3. Production Planning: Stores employ pre-orders to determine how much merchandise to make to meet customer demand. This makes sure that there is enough stock to meet client requests without worrying about overproduction or underproduction.

4. Delivery Schedule: People who buy things in advance are given a rough idea of when they may get their hands on them. Customers' expectations about product availability and delivery may be better managed with this level of openness.

5. Products with a Limited Run: Customers who want to get their hands on unique or limited edition items before they sell out feel a rush when they can pre-order them.

Pre-order merchandising helps merchants reduce risks related to cash flow and inventory management, which brings us to our eighth point: risk management. Retailers may better manage their money and deploy resources by securing orders ahead.

Post-order merchandising

The term "post-order merchandising" describes the marketing push that follows the completion of a customer's order and receipt of their goods. The emphasis in post-order merchandising is on what happens after the sale has been finalized, as opposed to pre-order merchandising which entails getting orders in before production or availability.

- ✓ Make TNA sheet by helping planning team.
- ✓ Collect of essential supplier source.
- ✓ Arranged raw material.
- ✓ Arranged trims and accessories and booking all.
- ✓ Ensuring all above goods are right time in-house.
- ✓ Back to Back Letter of credit Open.
- ✓ Receiving Performa Invoice from the vendors.
- ✓ Creating work orders to actual fine payment.
- ✓ Base hanger approval.
- ✓ Bulk hanger approval.
- ✓ Lab dip approval.

Golden Rules of a Merchandiser

- Handle day-to-day Merchandising operations.
- Handle orders from development to shipment.
- Prepare production planning to ensure shipments move on time.
- Prepare all kinds of production samples such as PP samples, size set samples, and shipment samples within allocated deadlines.
- Oversee all sample development, including Development samples, Fit samples, PP samples, Lot samples, Production samples, Test samples, and Marketing samples. Arrange all sample approvals from the buyer for smooth production and shipment.
- Review order sheets received from buyers, ensuring accuracy of FOB, shipping mode, and delivery dates.
- Create Time and Action plans (TNA) to send to buyers.
- Effectively follow up on materials inventory, production processes, and quality standards.
- Coordinate with the planning team to produce initial garments before bulk production.
- Submit all accessories for buyer approval before proceeding with bulk production.
- Provide all necessary test reports to the buyer before submitting production samples.
- Arrange and follow up on final inspections, and send packing lists to all relevant departments.
- Maintain and update shipment status records.

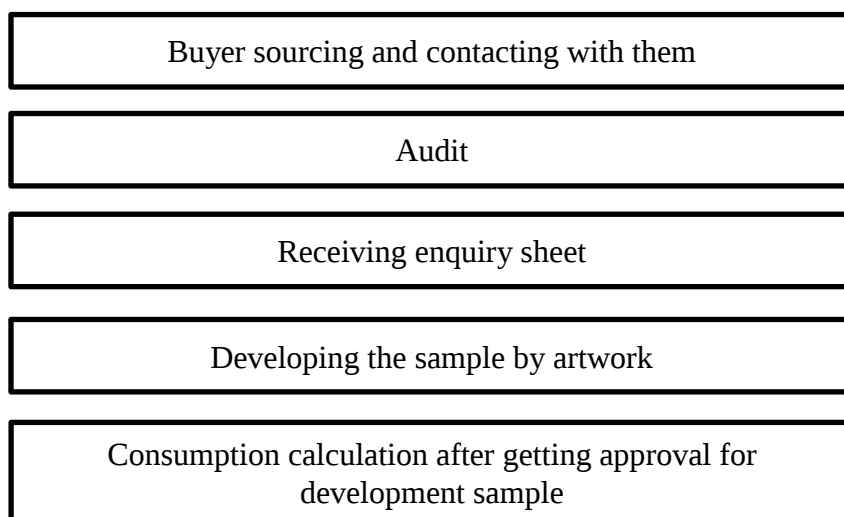
Qualities of a Merchandiser

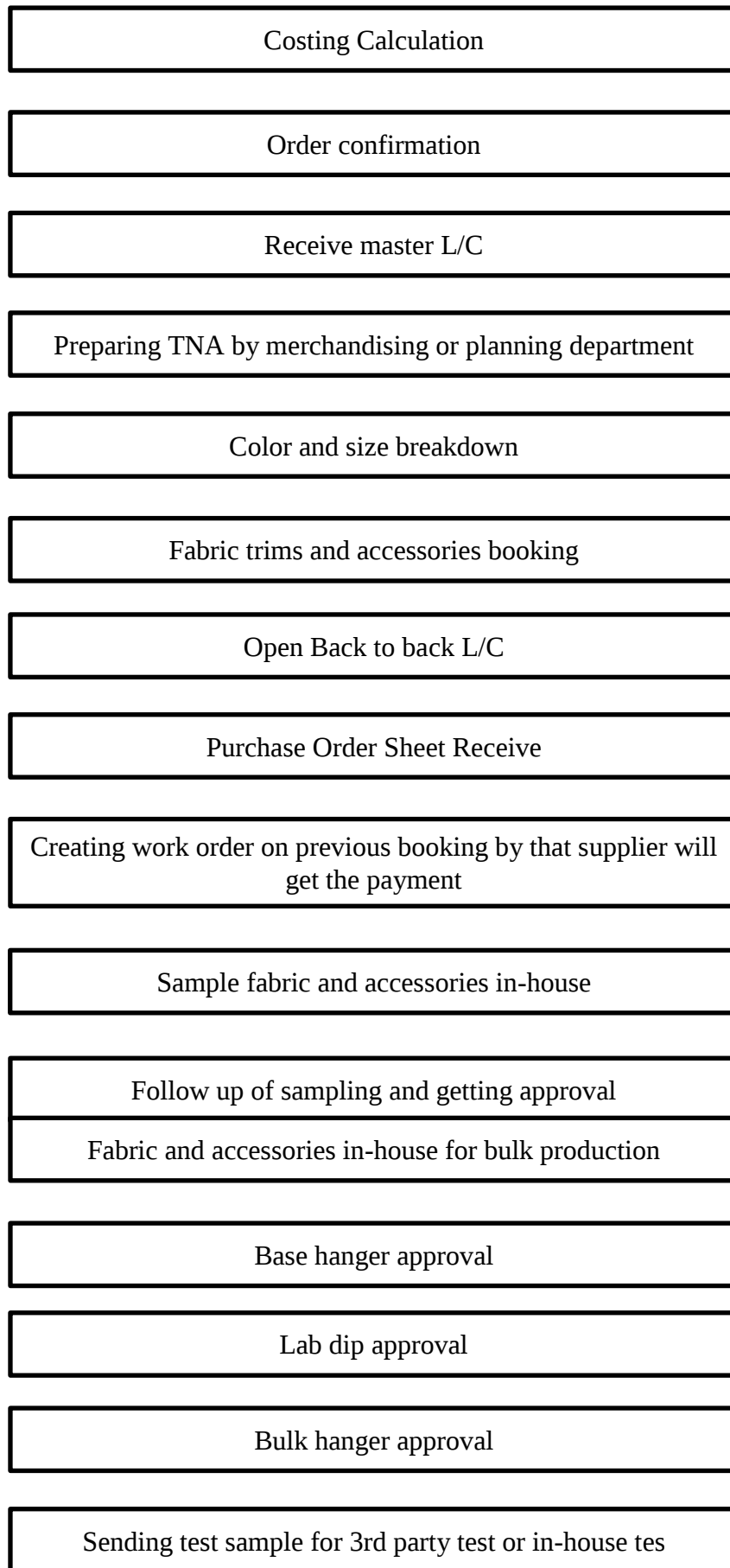
- a. **Planning Capability:** One of the most important traits of a retailer is their ability to plan. The merchandiser should get things done by making plans. That is why a merchandiser can fail to provide as anticipated if he is a poor organizer.
- b. **Decision-making:** Every step of the way, merchandisers encounter problems. So, it's crucial to find a solution to the problem at hand and agree on an option at each stage. As far as merchandisers are concerned, it is paramount.
- c. **Loyalty:** Being loyal is essential if you want to succeed as a merchandiser in any field.
- d. **Communication Skill:** Merchandisers need strong communication skills to break records while interacting with buyers and suppliers, which is essential for generating new orders and finding unexpected extras.
- e. **Monitoring ability:** The essence of marketing is monitoring or catch-up capability; if you succeed in following all the steps in the cycle, you will be able to deliver the product on time and in good quality.
- f. **Other characteristics:** Different traits that are necessary include attitude, behavior, and engagement with the field.

Responsibility of Merchandiser

1. Consumption and costing.
2. Supplier sourcing.
3. Right time in-house of fabric trims and accessories.
4. Sampling and monitoring.
5. Monitoring of bulk production.
6. Affirmation of right-time inspection.
7. Deliver in the board.

2.3.1 Flow Chart of Merchandising:





Sewing line Booking

PP meeting after getting black seal or PP sample approval

2.1.2 Audit:

A clean and environmentally friendly production facility is always a buyer's first choice. There are no terrible immediate results from the assembly office's green approach to environmental difficulties. Following the Rana Plaza case and the Tzrin design fire our wonderful photo was lost. In addition to environmental considerations, clients give serious thought to security concerns, representative rights, and the pleasure of the assembly office. Daffodil International University investigates the fabrication office for this reason in order to identify the problems. In order to get a feel for the assembly office's capabilities, they also examine the production office.

There are two Industrial Audit can be present:

■ Social Audit

■ Technical Audit

Social Audit means by:

According to the social evaluation, the buyer was interested in the company's worker rights. Buyers resolve almost all issues, such as: receiving their basic salaries or overtime compensation as planned. Does any child have a job? The idea that they are forced to

to make the required arrangements? Every day, a worker's movement time is counted. Is the manufacturing plant a generous place for wonderful women to work? A social reviewer verifies all of the aforementioned tasks.

The phrases that have been verified:

- A safe and positive workplace.
- For example: sexism.
- Labor of children or those subjected to forced labor.
- Morally sound, working hours.
- Wages, both regular and reduced.

Technical Audit:

One way to ensure that your new supplier is up to snuff is to have them undergo a technical audit. It shows you how the factory proactively handles production and quality and provides you a good idea of how well it can satisfy your requirements. You may learn more about the production's degree of risk and make a more educated decision about placing an order based on the audit's findings.

To keep a firm grasp of their performance, discover potential areas for development, and assure constant production quality, many companies also conduct technical audits at the locations of their current suppliers once every twelve months.

Objectives:

1. Make sure the quality management system works.
2. A system for doing quality control.
3. Make sure the quality level meets the customer's expectations.
4. Meet the process control and production needs of the customer.
5. Use the most effective methods for making clothing.
6. Making sure the consumer is happy by being effective, efficient, and always improve.

2.1.3 Receive Quotation File

This is a document that contains a specification sheet, which might be for an order, a product, or both. It is the information gathered from a single order, together with a thorough description of that order. The merchandiser typically creates this paper, however the buyer often makes the initial draft.

Attached is the quotation file:

1. A fashion flat or sketch: This type of drawing often depicts the garment's style from both the front and the rear. Because they serve as the foundation for tech packs and samples, as well as the primary interface for garment spec packages, fashion flats are an essential product of technical design. Progress, pp, and the manufacturing of clothing.

2. **Color scheme:** a quote file has to include the color variant for a certain style. The designs can dictate the color palette for this particular garment style. When printing or stitching, make sure to stick to the style's foundational hue.

Requirements and styles inform the creation of the color combinations. The consumer has complete control over the color combinations of any given style. Specifics of the fabric, including its yarn count, structure, weight, and GSM, are known as fabric details. Clothing consumption for the trend as well.

3. Details on sewing and garment fabrication: A quote the file shows the garment's construction method and the suggested sewing technique. Things that aren't sewed correctly could ruin the look of an article of clothing. Designers with technical training and experienced laborers know the ins and outs of construction and the sewing process. They have the ability to customize it to match the particular ensemble.

4. Graphic or print details: A separate document in the tech pack should be devoted to describing any printing on specific garment styles. Printing techniques, chemicals (and which ones to avoid), paper size and placement, etc. are all covered on this page. This sample needs the buyer's merchandiser's approval.

5. Detailing on the trim: Even though the trim is an element of the branding of garments. However the intricacy of the trim is always important for any design. Most manufacturers do a great job incorporating the customer's specified trim into the garment's design to elevate its aesthetic and give it a more premium look. The buyer also has the option to specify the exact placement of the trimmings, although they must be by the manufacturer's guidelines.

6. Instructions for washing: When it comes to washing, there are certain processing steps for all clothing, whether they are knitted, woven, or denim. It turns out that washing details are crucial, especially when washing denim. Depending on the clothing type, a specific wash method is required.

7. Specifications and sizing chart: This is the most crucial part of any tech roll design. Considering there is no tech pack available, the design should not incorporate any dimensions. Accuracy in the measurement specification document is also crucial. In addition, Accuracy can only be achieved through much trial and error because measurements differ from individual to individual.

8. A visual depiction of the measurement: This is a crucial part of the quote file for creating and visually describing the measurements. The factories must prioritize this above anything else. The specifications sheet is sometimes difficult for factories to understand and follow.

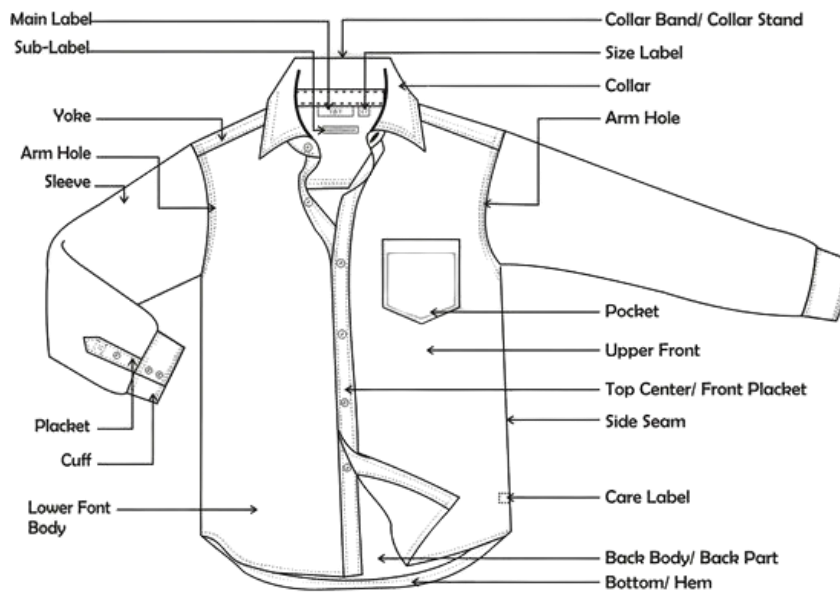
2.1.4 Development of Samples

Following the purchase, the customer requests further samples of other types. At any point in the manufacturing process, exporters are obligated to supply the customer with extra samples. A Data collected from samples may include style codes or reference numbers, color specifications, fabric types and compositions, and details on any possible embellishments, such as embroidery, buttons, zippers, or sewing. So, it's reasonable to say that free samples of apparel connect buyers and sellers. It is important to exercise extreme caution when taking samples. Classifications such as these are broad.

1. **Sample fitting/ fit sample:** The buyer would want to see the garments' fit for the various types of apparel samples just before the preproduction sample.
2. **Size Set Sample:** Based on the authorized pattern, once fit samples are approved. When the other sizes' samples have been graded, patterns for those sizes will be created. Following approval of the fitting, the customer will get size-set samples in S (small), M (medium), L (large), XL (extra-large), and other sizes as needed. To ensure a perfect fit and high-quality construction, we provide sizing set samples for every size. Final approval of size set samples is required before mass cutting of mass production can commence.
3. **Counter sample:** Suppliers typically produce an additional sample when they generate one for a repeat order.

2.1.5 Consumptions Calculation:

Consumption for woven fabric:



Figurer 1.1

Consumptions Formula:

$$\frac{\text{Length} \times \text{width} \times \text{No. of Parts} \times 12}{\text{Fabric Width} \times 36} = \dots \dots \dots \text{ (yds per dozen)}$$

Thread Consumption for Machine-Wise

Recommend Sewing Machine:

1. Plain machine
2. Over Lock machine
3. Over Lock machine
4. Flat Lock machine
5. Flat Lock machine

Machine Wise Sewing Thread Consumption/Inches:

Machine Name	No. of Needle	Thread Consumption/Inch
Plain machine	2	14''
Flat Lock machine	5	23''
Over Lock machine	3	18''
Over Lock machine	4	20''
Plain machine	1	12''

Basic information relevant To Consumption:

1. Measurement with technical specifications.
2. Style description.
3. Fabric description.
4. Fabric GSM.
5. Washing shrinkage if any.

2.1.6 Costing Analysis

In the garment industry, a cost sheet is crucial. That one has all the facts you need for the order. A garment merchandiser's understanding of pricing is crucial.

A buyer from **Ernsting's family** merchandising team collaborated with us. A longer duration has been noted by us, and we conducted a cost assessment. A costing sheet must be prepared by a senior merchandiser. The senior manager merchandiser has reviewed and given his stamp of approval to the cost sheet. After that, it needs to be sent to the H&M city office for negotiation.

For this style costing details

Cost Name	\$/dz
Fabric Cost	12.5
Trim Cost	4.5
Cons. Pack	5
Labor Cost	7.5
Over heads	1.46
Final FOB in US	30.96

2.1.7 Negotiate with Buyer

There is a definite strategy to follow in order to get a successful conclusion in buyer negotiations, rather than relying on chance. The approach is designed to accommodate different degrees of expertise when it comes to bargaining. In order to bargain with a buyer, a garment merchandiser must do several responsibilities. Buyer negotiating methods are extensively followed in the readymade garments sector, and this article has offered a full explanation of them.

The following are some of the most important things to keep in mind while negotiating with a buyer:

1. Researching the needs of both parties.
2. Preparation.
3. Offer.
4. Discussion,
5. Counter and revised offers.
6. Summaries.

7. Agree and commit.

2.1.8 Production Planning

The garment industry's production planning section is crucial. The clothing business relies on production planning as its regulating mechanism. Executing the delivery of products within the specified time range requires every single task in the procedure. Manufacturing then listed below are a few of the most critical responsibilities that the planning department must do.

1. Capacity planning.
2. Time & Action (TNA)
3. Scheduling.
4. PP meeting.
5. Order Allocation.
6. Man power & M/C allocation.
7. Execution Of every tasks.
8. Materials planning & In-house follow up.
9. Delivery Meet.

2.1.9 Meeting for Pre-Production (PPM)

Pre-production is conducted before bulk manufacturing begins. The order PP meeting took place on October 28. A pre-production meeting is scheduled to remind all involved parties to make that item. In mass manufacturing, there's a good risk things might go wrong without PPM. PPM is so retained before the commencement of mass manufacturing.

The topic under consideration at the PP meeting:

1. Production schedule.
2. Pattern view.
3. Size set sample review.
4. Inventory of raw materials.
5. Testing details about the fabric
6. Cutting detail
7. Accessories inventory.
8. Sewing and stitching info
9. Line layout design.
10. Machine layout
11. Operator per line & name
12. Skilled operator in each machine
13. Q.C. application
14. Finalizing & selecting skilled operators
15. Q.C. selection, names & card numbers etc.
16. Embroidery review
17. Wet processing review
18. Print a special attachment review.
19. Finishing & Packing process.

2.1.10 Garments/Goods Production Quality

The method of making clothes is well-structured and involves a number of phases. These include placing, labeling, chopping, sewing, inspecting, completing, sealing, and packing. This is how raw resources are turned into finished products.

Production Quality:

The degree to which a product is manufactured to conform to its original design specifications is known as production quality, also known as manufacturing quality. Before production starts, designers choose how their items should function and look.

Quality control in garment manufacturing technology:

Quality control is used throughout the whole clothing manufacturing process, from the early stage of locating raw materials to the stage of the finished product. In the clothing sector, quality control is a laborious and intricate process. In the production of clothing, quality control is done in many phases. They are listed below:

1. Quality control before manufacturing
2. Production-related quality control
3. Last examination
4. Quality assurance in the creation of a sampling strategy
5. Evaluation of post-production quality

Commercial Department

2.1.11 Bill of Lading

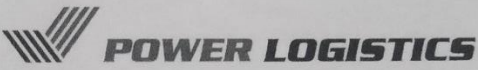
Bill of Lading		NOT NEGOTIABLE UNLESS CONSIGNED "TO ORDER"		
Shipper EURO DENIM AND FASHION LTD. 1/1 CHAYDANA, DEGERCHALA ROAD, GAZIPUR, BANGLADESH.		Country of Origin Bill of Lading No. P-L-1538		
Consignee (if To Order so indicate) TO THE ORDER OF: SHAHJALAL ISLAMI BANK LTD. NARAYANGANJ BRANCH, 56/1, S.M. MALEH ROAD, TANBAZAR, NARAYANGANJ, BANGLADESH.		Delivery Agent : PRIME FREIGHT LOGISTICS INC 4 PLACE DU COMMERCE SUITE#230 ILE DES SOEURS (NUNS' ISLAND), VERDUN - PQ H3E 1J4 CANADA, TEL: 514-287-7227, FAX: 514-287-8978		
Notify Party (No claim shall attach for failure to notify) NOTIFY PARTY: ARDENE HOLDINGS 2575 BOUL PITFIELD MONTREAL, QUEBEC, H4S 1W8 CANADA		 INTERNATIONAL FREIGHT FORWARDER (AIR & OCEAN CONSOLIDATOR) HOUSE-47, ROAD-15, RABINDRASARANI, SECTOR-3, UTTARA DHAKA-1230, BANGLADESH, TEL: 880-2-48952437, FAX: 880-2-48950090 bhavna@powerlogisticsbd.com, seafreight@powerlogisticsbd.com		
Place of Receipt CHATTOGRAM		Precarriage by HR TURAG V-MTRG0031S		
Vessel HR TURAG V-MTRG0031S		Port of Loading CHATTOGRAM		
Port of Discharge HALIFAX, CANADA		Place of Delivery MONTREAL, CANADA		DESTINATION MONTREAL, CANADA.
Port of Discharge HALIFAX, CANADA		Place of Delivery MONTREAL, CANADA		No. of Bill of Lading MONTREAL, CANADA.
Marks & Numbers	No. of Pkgs. or Shipping Units	Description of Goods & Pkgs.		Gross Weight Kgs
SHIPPING MARKS: AS PER PACKING LIST	48 CTNS	48 CTNS (FORTY-EIGHT CARTONS) ONLY. DESCRIPTION OF GOODS: MEN'S DENIM JACKET 98% COTTON, 2% ELASTANE ARDENE PO: 286371, 286372 ARDENE STYLE: 4B-AP30929-07 HS CODE: 62043200 & CAT: 08 INVOICE NO: EDFL/DEN/2024/290 L/C NO: DL/EDFL/ARDENE/2023/025 EXP NO: 2971-002623-2024 CONTAINER NO. SIZE SEAL NO. MODE UACU 5614082 40'HC HLC 1680163 CFS/CFS		548.15 KGS
CARRIER AND ITS AGENT NOT RESPONSIBLE IF CONSIGNEE FAILS TO CLAIM DELIVERY ON TIME AND GOODS ARE TAKEN BY DESTINATION CUSTOMS FOR DISPOSAL/AUCTION ETC.		DATE: 05.05.2024 DATE: 23.01.2024 DATE: 10.05.2024		SHIPPED ON BOARD: DATE: 21.05.2024
Total		Temperature Control Instruction		Measurement m³
Freight Details, Charges etc. FREIGHT COLLECT ORIGINAL-03		Excess Value Declaration : Refer to Clause 6 (4) (B) + (C), on reverse side RECEIVED by the carrier in apparent good order and condition, and subject to all the terms and conditions of this bill of lading to which the merchant agrees by signing this bill of lading. The carrier is not responsible for the weight, measure, quantity, or value of the Goods are unknown to the carrier. In witness whereof, the original Bill of Lading has been signed if not other wise etc. The original Bill of Lading must be surrendered duly endorsed in exchange for the goods or delivery order. DHAKA - 21 MAY 2024 POWER LOGISTICS SINGED on behalf of the Carrier : PRIME FREIGHT LOGISTICS INC by RINKU SAHA AS AGENTS		
JURISDICTION AND LAW CLAUSE The contract evidenced by of contained in this Bill of lading is governed by the law of Bangladesh and any claim or dispute arising hereunder or in connection herewith shall be determined by the courts of Bangladesh and no other courts.				

Figure 1.2 Bill of Lading

The goods being carried, their amount, and their ultimate destination are detailed in a legally binding contract known as a bill of lading, which is entered into between the shipper and the carrier. In addition to being a receipt for shipment, the bill of lading confirms when the items have arrived at their destination.

A "bill of lading" consists of the terms "bill" and "lading," which mean the total amount due for the services provided and the loading of goods into a ship or other form of transportation, in that order. A bill of lading is an official document that confirms the loading of particular

commodities onto a ship for shipment to a specified location, with the express purpose of delivering those items to a well-known exporter. A transportation business or carrier provides it to you.

Bills of exchange include the following information:

- Shipper
- Consigner
- Notify party
- Shipping line
- Delivery agent
- Port of loading
- Port of discharge
- Freight place
- Main mark
- Container no
- Seal no
- Size
- Mode
- Quantity
- Weigh

Types of Bill of Lading

1. Straight BL

A straight bill of lading is an irrevocable document used mostly for products that have been fully paid for before delivery.

2. Memo BL

The carrier or agent may provide a Memo Bill of Lading as a temporary receipt until the complete Bill of Lading is issued; this document is non-negotiable and provides limited information about the cargo.

3. Express BL

In an express bill of lading (BL), the carrier must only deliver the goods to the specified consignee; no original bills of lading (OBL) are issued.

4. Sea way BL

The parties to a Seaway Bill are the shipper and the freight business. Seaway Bills are shipping documents that serve as receipts against shipments, whereas Bills of Lading also provide ownership title. The shipper, or consignor, receives an SWB from an ocean carrier in this case.

2.1.12 Packing List

The quantity, description, and weight of each item are included in the itemized list that is typically sent with every shipment. Designed and sent by the shipper to the recipient for precise product counts during shipment.

Packing List																					
Shipper/Exporter : Denimic Limited Uttara, Dhaka Dhaka, Bangladesh.										INV. NO: DATE: 17/Jan/2021											
Consignee: Ernsting's family GmbH & Co. KG Hugo-Ernsting-Platz / Industriestr. 1 48653 Coesfeld-Lette Germany Order-No : 608993										Warehouse: VC 1 LETTE Ernsting's family GmbH & Co. KG Industriestr. 1 48653 Coesfeld-Lette											
Article no.: 808156																					
CARTON NR.	Size Colour-No	134	140	146	152	158	164	PCS/L OT	NO OF LOTS	TOTAL LOTS	PCS PER CARTON	GROSS WEIGHT	NET WEIGHT	TOTAL NET WEIGHT	TOTAL GROSS WEIGHT	QUANTITY OF CARTONS	TOTAL PCS	L	W	H	CBM
VC01																					
Lots:		1	1	1	1	1	1														
1	- 161	298 dark blue	6	6	6	6	6	66	6	966	36	6.70	5.90	949.90	1078.70	161	5796	50	30	22	5.313
162	- 162	298 dark blue	5	5	5	5	5	65	5	5	30	5.72	4.92	4.92	5.72	1	30	50	30	22	0.033
Total Lots:														954.82	1084.42	162	5826				5.346
Remaining:																					
163	- 176	298 dark blue	40					40			40	6.60	5.80	81.20	92.40	14	560	50	30	22	0.462
177	- 177	298 dark blue	35					35			35	5.88	5.08	5.08	5.88	1	35	50	30	22	0.033
178	- 185	298 dark blue		40				40			40	6.90	6.10	48.80	55.20	8	320	50	30	22	0.264
186	- 186	298 dark blue		15				15			15	3.09	2.29	2.29	3.09	1	15	50	30	22	0.033
187	- 193	298 dark blue			40			40			40	7.10	6.30	44.10	49.70	7	280	50	30	22	0.231
194	- 194	298 dark blue			21			21			21	4.11	3.31	3.31	4.11	1	21	50	30	22	0.033
195	- 199	298 dark blue				36		36			36	6.70	5.90	29.50	33.50	5	180	50	30	22	0.165
200	- 200	298 dark blue			22			22			22	4.41	3.61	3.61	4.41	1	22	50	30	22	0.033
201	- 203	298 dark blue				36		36			36	7.10	6.30	18.90	21.30	3	108	50	30	22	0.099
204	- 204	298 dark blue				20		20			20	4.30	3.50	3.50	4.30	1	20	50	30	22	0.033
205	- 206	298 dark blue					36	36			36	7.50	6.70	13.40	15.00	2	72	50	30	22	0.066
207	- 207	298 dark blue					12	12			12	3.03	2.23	2.23	3.03	1	12	50	30	22	0.033
Lot		971	971	971	971	971	971							255.91	291.91	45	1645				
Total Remaining:		595	335	301	202	128	84							1210.73	1376.33	207	7471	Total			1.485
Grand Total:		1566	1306	1272	1173	1099	1055							1210.73	1376.33	207	7471	Total			6.83

Figure 1.3 Packing List

The information given in the packing list is as follows:

- Exporter name
- Applicant name
- Invoice no
- L/C no
- Expo no
- Payment date
- Port of loading
- Transportation to
- Final destination
- Shipment way
- Description of goods
- Assortment
- Cartoon quantity
- Cartoon no
- Cartoon measurement
- Authorized signature

Detailed packing list: The Detailed Packing List describes the contents of a shipment.

2.1.14 Lab Test Report

To guarantee the items are of the greatest quality and free of harmful substances, insects, and metal objects, a lab test must be conducted before shipment. The lab test will be carried out and tested by the buyer-approved lab under the buyer's specifications.



Print Date: 05-Jan-2021 10:53:10PM

 * 2 1 1 0 0 0 1 2 5 2 *

TEST REPORT NO. : DHK:TX:2110001252
Date: Jan 05, 2024
Page 1 of 3

Denimic Limited
Uttara, Dhaka
BANGLADESH

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE BUYER AS:
ONE SAMPLE OF WOVEN GARMENT 100% COTTON (OGR) IN 298 DARK BLUE FOR BOYS SHORT PANT(1ST BULK)

<u>Self Reference test</u>		OFFICIAL PROGRAM TEST FOR:		<i>Ernstings family</i>		
BUYER: ERNSTINGS FAMILY		ORDER NO:	608993			
RETEST:	PREVIOUS REPORT NO.:		-			
APPLIED PACKAGE	GOTS	FULL PHYSICAL PACKAGE (A2)	X	INDIVIDUAL TESTS		
	BABY PACKAGE (A1)	FULL CHEMICAL PACKAGE (A3)		FULL PHYSICAL & CHEMICAL PACKAGE (A2) & (A3)		
SAMPLE DESCRIPTION:	ONE SAMPLE OF WOVEN GARMENT 100% COTTON (OGR) IN 298 DARK BLUE FOR BOYS SHORT PANT(1ST BULK)					
FIBRE CONTENT :	100% COTTON (OGR)					
STYLE NO.	808156	SUPPLIER LEVEL:	SUPPLIER A			
APPLICATION NO:		COLOR:	(A) 298 DARK BLUE			
AGE GRADE:	134-164	MANUFACTURER:	MAHMUD JEANS LTD			
REF. NO.:	-	END USE:	SHELL			
COUNTRY OF ORIGIN	-	COUNTRY OF DESTINATION:	-			
APPLICANT'S PORPOSED CARE INSTRUCTIONS :	40     					
SAMPLE RECEIVING DATE	Jan 03, 2021	TEST PERFORMING PERIOD	Jan 04, 2021 TO Jan 05, 2021			

Figure 1.4 Lab Report



Print Date: 05-Jan-2021 10:53:10PM



TEST REPORT NO. : DHK:TX:2110001252

Date: Jan 05, 2024

Page 2 of 3

PHYSICAL TESTS

EXECUTIVE SUMMARY

DIMENSIONAL CHANGE AFTER WASHING	PASS
----------------------------------	------

REMARKS:

PASS = Meets specified requirement
FAIL = Below specified requirement
N/A = Not Applicable
= Inconclusive
= No specific requirement
I = Insufficient Samples
S = Satisfactory
U = Unsatisfactory

Note: # = Pass/Fail cannot be given due to the presence of substance(s) is above the detection limit, but below requirement.
Detected substance(s) may come from one or more component(s) in composite testing. Individual testing of mixed components is highly recommended.

Physical Tests : PASS

Chemical Tests :

Overall Conclusion: PASS

Sign for and on behalf of
SGS Bangladesh Ltd.

Muin Uddin
Physical Lab Manager

Figure 1.5 Lab Report



Print Date: 05-Jan-2021 10:53:10PM



TEST REPORT NO. : DHK:TX:2110001252

Date: Jan 05, 2024

Page 3 of 3

RESULTS

REQ

DIMENSIONAL CHANGE AFTER WASHING

DIN EN ISO 5077:2008/DIN EN ISO 6330:2012 40°C,
(Machine Wash Cotton Cycle Tumble Dry Low Warm Iron)
Detergent: PERSIL COLOR (Pulver)
Machine Use: MIELE,



	ORIGINAL (Cm)	AFTER WASH (Cm)	%AGE
AFTER 1ST WASH			
OUT SEAM	43.7	43.0	-1.6%
IN SEAM	24.8	24.2	-2.4%
WAIST (RELAX)	35.1	34.5	-1.7%
FRONT RISE	20.8	20.6	-1.0%
BACK RISE	31.2	30.9	-1.0%
HIP	45.0	44.4	-1.3%
LEG OPENING	24.0	23.8	-0.8%

Interpretation:

Dimensional change: (-) sign for shrinkage & (+) sign for extension.



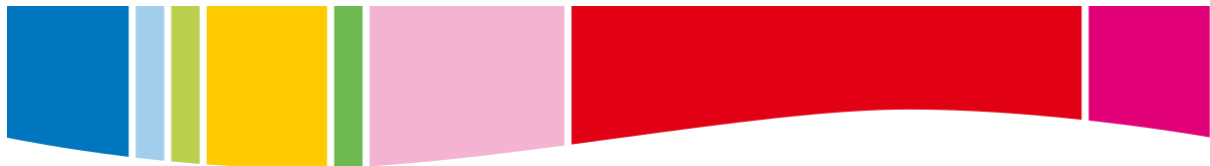
Figure 1.6 Lab Report

Ernsting's Family

2.1.15 History of Ernsting's family

Ernsting's family is one of the biggest cross-channel suppliers in the German textile retail industry, with over 12,000 workers, 1,800 outlets, and a strong online presence. Kurt Ernsting started the Coesfeld-based business in 1968 and provides apparel, linen, accessories, home goods, and lifestyle items for the entire family.

Logo



Ernsting's **family**

Von fröhlichen Familien empfohlen.

CHAPTER-03

METHODOLOGY

Data Getting

Data collecting has done several approaches. Working in the merchandising division, I gathered information from several sources and handled Ernsting's family orders.

- Primary sources: One of the main sources is working with staff members and in-person meetings conducted under an open-ended survey. We communicated politely with the merchandising department, worked maximum hours during the internment period, and gathered a lot of data and information.
- Secondary sources include firm websites, brochures, outlets, other research studies, literatures and publications, the internet, and so on. Online, we gathered a lot of material regarding the customer.
- Observation: I watched their working technique and gathered various data and samples after following the daily business schedule of the company.

Audit Report

3.2.1 Facility Profile

Audits come in two flavors, technical and social. It is quite crucial to obtain a new order. The factory will not receive new orders if it does not pass during audit season. **Denimic Limited** worries greatly about its Social and Technical Audit.

3.2.2 Facility Performance Summery



Figure 1.7 Facility Performance Summery

Order/Quotations File

Denimic Limited sent me a technical pack sheet. Style specifics abound on this spec sheet. Following the below-stated specifications.

- ✓ Brand- Ernsting's family
- ✓ Product Type- Denim Full Pant
- ✓ Style Number- 827545
- ✓ Style Description- Ladies Chino Pant
- ✓ Designer- Mandy-Elaine Rosier
- ✓ Color details- Green Dusty Light , Black, White Dusty Light
- ✓ Artwork

Ernsting's family	827545 - OO FM Ju-Hose, Cord, X-Mas	827545 - TechPack	February 23, 2022 at 2:27:54 PM Central European Standard Time
Data Package	827545 - TechPack		
Data Package Documents			
(Unnamed), 827545.ai, adjustable_waist_belt_loop.pdf, EF-ETP-00016.pdf, EF-PUL-10862.pdf, EF_zta_00001.pdf, EF_ztee_00006.pdf, famy_Carelabel_1c.pdf, famy_Hangtag.pdf, famy_Necklabel.pdf, Not for print famy_Carelabel_1c.jpg, Not for print famy_Hangtag.jpg, Not for print famy_Necklabel.jpg, NotForPrint_adjustable_waist_belt_loop.pdf, NotForPrint_OekoTex.pdf, OekoTex.pdf			
Description	Order		
Properties			
Image			
			
Local Approval			
Article no.	827545	Department	4001-TO Bekleidung
Saison	2022 Autumn/Winter	Repeat of article no.	Merchandise Group 40011041-TO Pants
		Repeat type	Shape Wie Originalmuster

Figure 1.7 TechPack

Properties**Sample order**

photo sample, 122, 298-dunkelblau, 1, 4 weeks, 25.05.2022
 photo sample, 122, 298-dunkelblau, 1, 4 weeks, 25.05.2022
 photo sample, 122, 298-dunkelblau, 1, 4 weeks, 25.05.2022
 photo sample, 122, 318-dunkelgrün, 1, 4 weeks, 25.05.2022
 photo sample, 122, 318-dunkelgrün, 1, 4 weeks, 25.05.2022
 photo sample, 122, 318-dunkelgrün, 1, 4 weeks, 25.05.2022
 pre-production sample, 104, 298-dunkelblau, 1, 6 weeks, 06.04.2022
 pre-production sample, 116, 318-dunkelgrün, 1, 6 weeks, 06.04.2022

Total order quantity	2700	Production Price labelling	02-external
----------------------	------	----------------------------	-------------

Übergreifende Artikelinformationen // Article information

Selling unit	1	Buyer group	B45-Woven Pants/Shorts	Twin-Style	
Picking unit	1	Quickshot		BroSis-Nr.	0000001504

VK Preise // Retail price

H/T-price DE	H/T-price AT
--------------	--------------

Artikelgestaltung // Article design

Fit	0035-slim	Number of pieces	0001-one-piece	Neck-opening	
Equipment		Leg length	0001-1/1	Collar shape	
Accessoire		Cuff-type			
Sleeve length		Function			

Artikelbeschreibung // Article description

Article description	Pls see worksheet and LOM	Modification	Original sample	✓
---------------------	---------------------------	--------------	-----------------	---

Figure 1.8 TechPack

Properties**Hauptmaterial / Funktionsanforderungen // Main material / Functional requirements**

Water column height	Water vapour permeability	Wind permeability
---------------------	---------------------------	-------------------

Ausstattung und Verpackung // Equipment and Packaging

Sales packing	Delivery carton	54-CRT. 50/30/20-40 cm	LabelText	HOSE
Hanging delivery	Label type	01-Adhesive		
Fold-instructions	25-Place five items / packs in the same direction; Put items flat into the carton; Fold one by one only			

Style Änderungen // Style changes

Style Change EF	Last Change EF	Comment Supplier
Comment EF	Style Change Supplier	Last Change Supplier

Figure 1.9 TechPack

Colorway Gallery

	
298-dunkelblau Color: 298-dark blue Advertised: Own/external: Character: Licence: Single packaging E-Com: Testing obligations: Certification: B-Öko-Tex 100	318-dunkelgrün Color: 318-dark green Advertised: Own/external: Character: Licence: Single packaging E-Com: Testing obligations: Certification: B-Öko-Tex 100

SKUs

SAP Variantennummer	Color	Size	HP brutto VKE DE	HP local currency DE	OVK brutto VKE DE	OVK local currency DE
827545008	298-dark blue	104	0		17,99	EUR
827545009	298-dark blue	110	0		17,99	EUR
827545010	298-dark blue	116	0		17,99	EUR
827545011	298-dark blue	122	0		17,99	EUR

Displaying 1 - 4 of 12 results

Figure 1.10 TechPack

SKUs

SAP Variantennummer	Color	Size	HP brutto VKE DE	HP local currency DE	OVK brutto VKE DE	OVK local currency DE
827545012	298-dark blue	128	0		17,99	EUR
827545007	298-dark blue	98	0		17,99	EUR
827545014	318-dark green	104	0		17,99	EUR
827545015	318-dark green	110	0		17,99	EUR
827545016	318-dark green	116	0		17,99	EUR
827545017	318-dark green	122	0		17,99	EUR
827545018	318-dark green	128	0		17,99	EUR
827545013	318-dark green	98	0		17,99	EUR

Displaying 5 - 12 of 12 results

Data Sheets

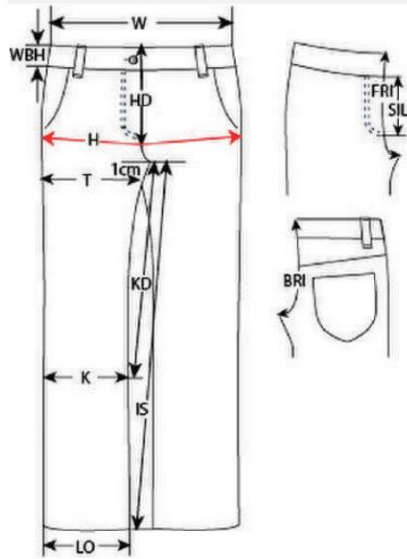
Data Sheet	Type	State
Topolino boys denim pants slim fit Toni 1/1 length 100% CO	Size Chart	DRAFT
LOM Corduroy Pants	Style LOM	PENDING
Bilder-Datenblatt	Image Data Sheet	DRAFT

Displaying 3 results

Figure 2.1 TechPack

Sizes	98-128	Base Size	116
-------	--------	-----------	-----

Image



Remarks

Figure 2.2 TechPack

Shape	Wie Originalmuster	Neck-Drop
Sleeve length		Back length
Leg length	0001-1/1	Collar shape
Neck-Opening		Brand
		40-Topolino

Dimensions

Dim	Description	98	104	110	116	122	128	Tol (-)	Tol (+)
W	1/2 waist	27,0	27,5	28,0	28,5	29,5	30,5	-0,5	0,5
WBH	waistband height	4,0	4,0	4,0	4,0	4,0	4,0	-0,5	0,5
SIL	slit length	9,0	9,0	9,0	10,0	10,0	10,0	-0,5	0,5
HD	hip down, incl. waistband	12,0	12,5	13,0	13,5	14,0	14,5	0,0	0,0
H	1/2 hip	31,0	32,0	33,0	34,0	35,5	37,0	-0,5	0,5
FRI	front rise, incl. waistband	17,7	18,5	19,2	20,0	20,7	21,5	-0,5	0,5
BRI	back rise incl waistband	24,2	25,0	25,7	26,5	27,2	28,0	-0,5	0,5
T	1/2 thigh	17,5	18,0	18,5	19,0	19,5	20,0	-0,5	0,5
KD	knee down from crotch	15,5	17,0	18,5	20,0	21,5	23,0	0,0	0,0
K	1/2 knee	13,0	13,5	14,0	14,5	15,0	15,5	-0,5	0,5
LO	1/2 leg opening	11,0	11,5	12,0	12,5	13,0	13,5	-0,5	0,5
IS	inseam	40,0	43,5	47,0	50,5	54,0	57,5	-1,0	1,0
PW1	back pocket upper width (but height depends on design)	11,0	11,0	11,5	11,5	12,0	12,0	-0,5	0,5

Displaying 13 results

Units: CM Increment Display: Absolute

Figure 2.3 TechPack

Ernsting's family		827545 - OO FM Ju-Hose, Cord, X-Mas		LOM Corduroy Pants		Pending-Sample 23.02.2022, 2:27 PM	
		Article no.	827545	Repeat of article no.			
		Merchandise Group	4001041-TO Pants	Repeat type			
		Editing designer	Mandy-Elaine Rosler	Modification			
		Production method	0002-woven				

Placements

Placement	Design-Material	Position	Article	Description	Image	Material Subtype	Materialbezeichnung (Neu)	Composition	UOM (BOM)	Dimension (BOM)	Finishing	Qty(Common)	298-dunkelblau	318-dunkelgrün	Only for Product Colors
Fabric (3)															
OBERSTOFF / OUTER FABRIC	fabric 1	leg	Design-Material woven	quality and shape like original sample		WV - Woven	0055 - baby corduroy	100% BAUMWOLLE / COTTON	wales per inch	14		1	PANTONE 19-3923 TCX Navy Blazer	PANTONE 19-5511 TCX Hunter Green	298-dunkelblau, 318-dunkelgrün
	fabric 2	pocket, back pocket	Design-Material woven	quality and shape like original sample		WV - Woven	0055 - baby corduroy	100% BAUMWOLLE / COTTON				2	PANTONE 19-3923 TCX Navy Blazer	PANTONE 19-5511 TCX Hunter Green	298-dunkelblau, 318-dunkelgrün

Displaying 1 - 2 of 17 results

Figure 2.4 TechPack

Ernsting's family

827545 - OO FM Ju-Hose, Cord, X-Mas

LOM Corduroy Pants

Pending-Sample 23.02.2022, 2:27 PM

Placements

Placement	Design-Material	Position	Article	Description	Image	Material Subtype	Materialbezeichnung (Neu)	Composition	UOM (BOM)	Dimension (BOM)	Finishing	Qty(Common)	298-dunkelblau	318-dunkelgrün	Only for Product Colors
TASCHENFUTTER / POCKET LINING	fabric 3	inside pocket	woven			WV - Woven		100% BAUMWOLLE / COTTON				2	PANTONE 19-3923 TCX Navy Blazer 	PANTONE 19-5511 TCX Hunter Green 	298-dunkelblau, 318-dunkelgrün
Trimmings (9)															
	trimming 1		stitching - sewing			THR - Thread						1	COLOUR MATCHING 	COLOUR MATCHING 	298-dunkelblau, 318-dunkelgrün
	trimming 1	at side seam, at backrise seam, back pocket, front fly	stitching - bartack			DEC - Decthread						12	COLOUR MATCHING 	COLOUR MATCHING 	298-dunkelblau, 318-dunkelgrün
	trimming 2	at waist	hook button	without branding		BUT - Button	0003 - metal		ligne	27		1	METAL COLOUR GUN METAL 	METAL COLOUR GUN METAL 	298-dunkelblau, 318-dunkelgrün
	trimming 3	front fly	zipper puller - square shape			PUL - Zipper	0003 - metal					1	METAL COLOUR GUN METAL 	METAL COLOUR GUN METAL 	

Displaying 3 - 7 of 17 results

Displaying 3 - 7 of 17 results

Figure 2.5 TechPack

Placements

Placement	Design-Material	Position	Article	Description	Image	Material Subtype	Materialbezeichnung (Neu)	Composition	UOM (BOM)	Dimension (BOM)	Finishing	Qty(Common)	298- dunkelblau	318- dunkelgrün	Only for Product Colors
	trimming 3	front fly	zipper - basic			ZIP - Zipper	0003 - metal		zipper size	#5		1	METAL COLOUR GUN METAL 	METAL COLOUR GUN METAL 	298- dunkelblau, 318- dunkelgrün
	trimming 3	front fly	zipper tape - basic			ZTA - Zipper Tape			cm			1	COLOUR MATCHING 	COLOUR MATCHING 	298- dunkelblau, 318- dunkelgrün
	trimming 4	hidden inside waist	elastic tape - stitched buttonholes - hidden - adjustable waistband			ETP - Elastic Tape			cm	1.8		2	COLOUR MATCHING 	COLOUR MATCHING 	298- dunkelblau, 318- dunkelgrün
	trimming 5	at waist	stitching - buttonhole			DEC - Decthread			tex	120		1	COLOUR MATCHING 	COLOUR MATCHING 	298- dunkelblau, 318- dunkelgrün
	trimming 5	inside, waistband	2 hole button	position at adjustable waistband		BUT - Button	0001 - plastic		ligne	22		2	COLOUR TRANSPARENT 	COLOUR TRANSPARENT 	
Artworks (0)															
Equipment and Packaging (4)															
			Famy_woven label			BL - Brandlabel	0162 - woven label					1			

Displaying 8 - 13 of 17 results

Page 10 of 16

Figure 2.6 TechPack

Placements

Placement	Design-Material	Position	Article	Description	Image	Material Subtype	Materialbezeichnung (Neu)	Composition	UOM (BOM)	Dimension (BOM)	Finishing	Qty(Common)	298- dunkelblau	318- dunkelgrün	Only for Product Colors
			Famy_Hangtag			HAT - Hangtag	0157 - hangtag carton					1			
			verstellbare Taille Gürtelschlaufe			SHT - Subhangtag	0157 - hangtag carton					1			
			Oeko-Tex Standard 100			SHT - Subhangtag	0157 - hangtag carton					1			
Care information (1)															
		left, at side seam	Famy 1c			PEK - Pflegeetikett	0164 - woven carelabel satin					1			

Displaying 14 - 17 of 17 results

Composition (Note: Please only print the German text on the carelabel and pls see layout on the supplier platform!)

OBERSTOFF / OUTER FABRIC 100% BAUMWOLLE / COTTON	OBERSTOFF 100% BAUMWOLLE
TASCHENFUTTER / POCKET LINING 100% BAUMWOLLE / COTTON	TASCHENFUTTER 100% BAUMWOLLE

Figure 2.7 TechPack

Care Labels



Figure: 2.8 TechPack

Standard Minute Value (SMV)

The Standard Minute Value refers to the amount of time it takes for a skilled worker operating at a "Standard Performance" level to complete a specific task. The SMV has supplementary provisions for rest and leisure, machine downtime, and expected unforeseen circumstances.

DENIMIC LIMITED SMV FOR BOTTOM PART

STYLE - LOTTIE leggings 2PK S-8		CATEGORY :	DONE BY :		M/C	LAY OUT
SL	SECTION	OPERATION	SMV(WITHOUT LOOP)	SMV(WITH LOOP)		
	LABEL	CARE LABEL TACK & CUT	0.25	0.25	S/N	1
	ADJUSTABLE ELASTIC	ADJUSTABLE ELASTIC MEASURE & TRIM	0.20	0.20	M/L	1
	ASSEMBLE	FRONT & BACK RISE JOIN (SOLID)	0.50	0.50	O/L	2
		INSEAM SOLID (KIDS)	0.40	0.40	O/L	2
		WAIST EDGE O/L	0.30	0.30	O/L	1
		MARK FOR BUTTON HOLE(2)	0.16	0.16	M/L	1
		BUTTON HOLE MAKE(2)	0.16	0.16	B/A	1
		WAIST TAFATA ATTACH FOR BUTTON	0.40	0.40	S/N	2
		BUTTON ATTACH	0.08	0.08	B/A	1
		ADJUSTABLE ELASTIC INSERT AT HOLE	0.50	0.50	M/L	2
		ELASTIC TACK	0.28	0.28	S/N	1
		MAIN LABEL, CARE & SIZE LABEL TACK(4 LABEL)	0.45	0.45	S/N	2
		X POINT TACK	0.20	0.20	S/N	1
		WAIST BAND TOP STITCH	0.45	0.45	F/L	2
		LEG OPENING TRIMMING (KIDS)	0.20	0.20	M/L	1
		LEG EDGE FRILL STITCH	0.67	0.67	O/L	2
		BUTTON INSERT(1)	0.08	0.08	M/L	1
		SIDE MARK FOR ELASTIC RUN STITCH	0.20	0.20	M/L	1
		SIDE RUN STITCH	0.40	0.40	S/N	2
		BUTTON ATTACH	0.24	0.24	B/A	1
		LOOP ATTACH		0.50	S/N	1
TOTAL SMV			6.12	6.62		

Add 10%
S.A.H

6.732
0.102

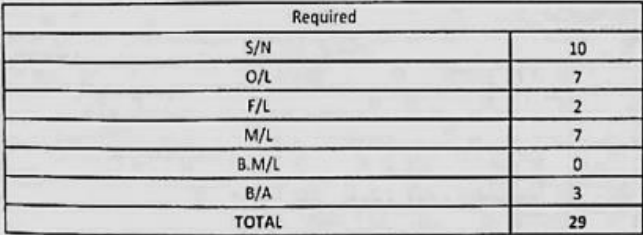
Required	
S/N	10
O/L	7
F/L	2
M/L	7
B.M/L	0
B/A	3
TOTAL	29

Figure: 2.9 SMV of Bottom Part

Comprehensive explanation of the SMV is standard minute value. The term refers to the allocated duration for completing a task without causing any delays. It is alternatively referred to as Standard Allocated Minute (SAM).

The Industrial Engineering section computed the Standard Minute Value (SMV) for this particular style. We retrieve it from them. We have calculated the overall Standard Minute Value (SMV) for this particular style.

The overall SMV (Social Market Value) for this is 6.62.



Required	
S/N	10
O/L	7
F/L	2
M/L	7
B.M/L	0
B/A	3
TOTAL	29

Figure: 2.10 SMV of Bottom Part

The total number of machines needed is 29. In this case, we needed two flat lock machines, seven overlock machines, and ten single-needle machines.

Costing Sheet

BUYER:	Ernstings-family	SIZE-RANGE:	98-128	MERCHANDISER :	Shelly			
ARTICLE:	831102	BRAND	Topolino	QUANTITY :	18400			
ORDER		TERMS :	\$FOB	TARGET PRICE \$:	4.70 without belt			
REF:		ITEM :	Topolino girls denim pants	UNIT PRICE \$:	\$5.49			
COSTING SHEET								
SL. NO	FABRIC DETAILS		FABRIC CONSTRUCTION	FABRIC MILL & CODE	WIDTH	CONSUMPTION/PCS	FABRIC PRICE/YDS	COST/PC
1	SHELL	76% ctn21% poly 3% spdx, ND-11382,		ND-11382	48"	0.94	\$2.68	\$2.52
2	RIB	2X2	95% CTN 5% spdx			0	\$5.00	\$0.00
3	LINING/POCKTING	65% ctn 35% polt TC	White	Momin Textile	42"	0.15	\$0.53	\$0.08
TOTAL FABRIC COST								\$2.60
SL.NO	TRIMS & LABELS	SUPPLIER	QUANTITY/PC	UNIT PRICE	UNIT			COST/PC
1	MAIN LABEL	Marshik	1.05	\$0.02	pc			\$0.02
2	SIZE LABEL	Marshik	1.05	\$0.01	pc			\$0.01
3	CARE LABEL	Marshik	1.05	\$0.01	pc			\$0.01
4	HANGTAG	Marshik	1.05	\$0.02	pc			\$0.02
5	SUB TAG	Marshik	1.05	\$0.01	pc			\$0.01
6	PRICE TAG STICKER	Bishwas Print	1.05	\$0.01	pc			\$0.01
7	WAIST PATCH	Moontex	1.05	\$0.03	pc			\$0.03
8	WAIIST TAG	Marshik	1.05	\$0.02	pc			\$0.02
9	LOOP TAG	Marshik	1.05	\$0.02	pc			\$0.02
10	METAL BUTTON/Grumet	FBN	1.05	\$0.07	pc			\$0.07
11	Fake Leather Patch	Moontex	1.05	\$0.04	pc			\$0.04
12	RIVET	FBN	5.2	\$0.02	pc			\$0.08
13	ZIPPER	FBN	1.05	\$0.10	pc			\$0.11
14	LACE/Herringbone tape	Rainbow	0	\$0.08	yds			\$0.00
15	ELASTIC	Moontex	1.05	\$0.06	yds			\$0.06
16	SWING THREAD	FBN	0.1	\$1.00	cone			\$0.10
17	OTHERS- Adjustable btn	Moontex	2.1	\$0.01	Pc			\$0.01
TOTAL TRIMS & LABEL COST								\$0.63

Figure: 3.1 Costing Sheet

3.2.3 Cost Analyses

TOTAL TRIMS & LABEL COST					\$0.63
SL.NO	DECORATION	DETAILS	QUANTITY/PC	UNIT PRICE	COST/PC
1	WASH				\$0.65
2	EMB/PRINT				\$0.15
3	OTHERS-Belt				\$0.00
TOTAL COST					\$0.80
SL.NO	CONSUMER PACKAGING	DETAILS	QUANTITY/PC	UNIT PRICE	COST/PC
1	POLY		0.05	\$0.15	\$0.01
2	CARTON		0.06	\$1.00	\$0.05
3	STRING		1.05	\$0.00	\$0.00
4	OTHERS				\$0.00
TOTAL COST					\$0.06
	CM/PC				\$1.30
	TEST COST/PC (Over head+Test+Moisture prevent cost)				\$0.02
	COMMERCIAL COST (Commercial cost 2.5%)				\$0.09
TOTAL COST					\$1.41
	FINAL FOB/PC				\$5.49

Figure: 3.2 Cost Analyses

3.2.4 Bill of Material

It is essentially a compilation of unprocessed components that must be obtained to produce the outfits. It is recommended to gather all of the necessary supplies and get everything ready before beginning to make the clothing.



H.A.N Enterprise

..... All Kinds of Garments Accessories Supplier & Manufacturer

BILL COPY

TO
Denimic Ltd.
Afsana Tower, 18 Alaol Avenue,
Sector-06, Uttara. Dhaka.

ATTN :Mr,saif

DATED :28 Feb 2024

Bill No. -HAN-21/ 2024	
PURCHASE ORDER REF	Denimic
BUYER NAME	Finesmeker
Style	

SL No.	Description	Total Qty.	Dzn, Yds	Unit Price	Unit	Amount
1	Care Label part-3	625	dzn	\$0.07	dz	\$43.75
2	Care Label Part-1	289	dz	\$0.08	dz	\$23.12
3	Care Label Part-2	289	dz	\$0.08	dz	\$23.12
4	Weist Tag	330	dz	\$0.55	dz	\$181.50
5	Size Label	350	dz	\$0.06	dz	\$21.00
6	Brand Label	255	dz	\$0.17	dz	\$43.35
7	Main Label	250	dz	\$0.24	dz	\$60.00
8	Plastic pin	834	dz	\$0.02	dz	\$16.68
9	Palstic Button	6	gg	\$21.05	gg	\$126.30
10	Snap Button	16	gg	\$40.03	gg	\$640.48
11	Silica Gel	490	dz	\$0.07	dz	\$34.30
12	Dot Fusing 22.	1600	yds	\$0.14	yds	\$224.00
13	Blister Poly - P	190	pcs	\$0.21	pcs	\$39.90
14	PCS Poly	286	dz	\$0.74	dz	\$211.64
15	Carton	100	pcs	\$1.60	pcs	\$160.00
16	Barcode Sticker	699	dz	\$0.07	dz	\$48.93
17	16 mm Polyester Tape	7500	yds	\$0.07	yds	\$525.00
18	1.3cm Black Grossgain Tape	100	yds	\$0.09	yds	\$9.00
19	Care Label Poly	834	dz	\$0.03	dz	\$25.02
20	2 cm Grossgain Tape	100	yds	\$0.09	dz	\$9.00
21	snap Button Washer	2334	dz	\$0.03	dz	\$70.02
22	Swing Thread	687	cone	\$0.70	cone	\$480.90
Total						\$3,017.01

In Words doller :Three Thousand Seventeen and cents One Only.

H.A.N. Enterprise

Proprietor

Authorized Signature

Make \$2600 usd

28/02/2024

Accepted

Figure: 3.3 Bill of Material

Accessories and Trims Requisition Sheet

Denimic Industry Ltd								
Chamur Khan Bridge, Uttarkhan, Dhaka.								
Date: 23-02-2024								
Attn: MD. Sabir Hosin								
Accessories Booking Sheet								
Style Number	42-001	Qty Breakdown				Buyer		
Style Name	Unalome Jacket Long					YMB Supplier		
Purchase Order No	DL/NYL/2023/054							
SL No	Color	1	2	3	4	5	Total	Remarks
1	Blue	250	250	250	250	250	1250	
2	Black	250	250	250	250	250	1250	
G. Total		500	500	500	500	500	2500	

Figure: 3.4 Accessories and Trims Requisition Sheet

SL No	Items	Picture	1	2	3	4	5	Total	Remarks
1	Main Label with size label		550	550	550	550	550	2750 pcs	
2	Hang Tag							2750 pcs	
3	Hangtag string							2750 pcs	
4	Barcode Sticker							2750 pcs	
6	Care Label							2750 pcs	

Figure: 3.5 Accessories and Trims Requisition Sheet

Purchase Order Sheet

A simple definition of a purchase order sheet is a written sales contract that specifies the exact goods to be bought from one vendor to another. The purchase contract is the initial formal offer from a buyer to a seller outlining the goods and services to be purchased, the quantities to be purchased, and the agreed upon price. Varieties of P.O. sheets shaped according to purchasers' desires in terms of color and size may be included in a purchase agreement.

Ernstings family		Article no.: 8275 45 Order no.: 625652	TO Pants	Woven Pants/Shorts			
Order receive company name: Denimic Limited Supplier no./ rating: 1002415 / B – Supplier Agency: Hermes OTTO Int. Bangladesh Production site: Denimic Limited Terms of payment: LC-Letter of Credit		Purchase price: 5.30 USD / 1 PCS Total order quantity: 2,700 PCS Date of placement: 23 Feb 2024 Delivery date (ex): 12 Jul 2024 Terms of delivery: FOB AT FORWARD. AGENT'S DISP Forwarding agent: Logwin Air + Ocean Deutschland Gm Port of loading: CHATTOGRAM, BANGLADESCH Mode of transport: sea freight GSPA: yes Selling unit: 1 Picking unit: 1 Advertised: –					
Colour 298 dark blue 298 dark blue 298 dark blue 298 dark blue 298 dark blue 298 dark blue 298 dark blue Sum:	Size 98 104 110 116 122 128 1,200 PCS	Quantity 150 PCS 180 PCS 192 PCS 212 PCS 232 PCS 234 PCS 1,200 PCS	Purchase price 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS Sum:	Colour 318 dark green 318 dark green 318 dark green 318 dark green 318 dark green 318 dark green 318 dark green Sum:	Size 98 104 110 116 122 128 1,500 PCS	Quantity 188 PCS 226 PCS 241 PCS 263 PCS 289 PCS 293 PCS 1,500 PCS	Purchase price 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS 5.30 USD / 1 PCS Sum:

Figure: 3.6 Purchase order Sheet

					Woven Pants/Shorts	
<i>Ernstings family</i>			The specifications of the ordered article, provided by Ernsting's family with this order form – in particular inserted as a Techpack in the PLM (Product-Lifecycle-Management) system and/or sent via email – are part of the contract. The goods must correspond to the contractually agreed specifications. The regulations of the Ernsting's family conditions of purchase, incorporated into the contractual relationship, particularly under clause 8 (Warranty), shall apply (available at: https://supplier-info.ernstings-family.com – User name: 48452; password: terms388).			
Quantities:						
Article	Colour	Size	Quantity	VC04	Sum	
827545-007	298 dark blue	98	150	PCS	150 PCS	
827545-008	298 dark blue	104	180	PCS	180 PCS	
827545-009	298 dark blue	110	192	PCS	192 PCS	
827545-010	298 dark blue	116	212	PCS	212 PCS	
827545-011	298 dark blue	122	232	PCS	232 PCS	
827545-012	298 dark blue	128	234	PCS	234 PCS	
827545-013	318 dark green	98	188	PCS	188 PCS	
827545-014	318 dark green	104	226	PCS	226 PCS	
827545-015	318 dark green	110	241	PCS	241 PCS	
827545-016	318 dark green	116	263	PCS	263 PCS	
827545-017	318 dark green	122	289	PCS	289 PCS	
827545-018	318 dark green	128	293	PCS	293 PCS	

Figure3. 7: Purchase order Sheet

3.2.5 The Buyer Include PO Sheet followings

- ✓ PO no/date
- ✓ Buyer/Consignee
- ✓ Order no
- ✓ Measurement
- ✓ The description of the garment
- ✓ L/C date
- ✓ End date within which shipment to reach the destination.
- ✓ Sign and seal
- ✓ Order validity date

Buyer Comment

A textile buyer comment refers to an assessment of a textile product or fabric provided by a consumer. This can be subject to criticism:

During the early phase of an order, it is customary to perform a sample evaluation.

- To assess if the sample fulfills its specifications, such as color, weight, weave, and drape, the buyer will provide feedback on it.
- When discussing the fabric's quality, the critic may focus on its construction or highlight any imperfections.
- The buyer can provide input on the reasonableness of the cost of the fabric's quality.
- The promptness of fabric supply can be inferred in this context.

808156 - TechPack			
Ernsting's family		808156 - Ju-Shorts, poplin, karo	PPS 1 ABANDONED 13/11/2020, 1:13 PM
Hauptmarke	50-Yigga	Presentation month	April 2021
Supplier	0001002415-Mahmud Jeans Limited	zusätzliche Anmerkung / additional comment:	Phase
Sample Review	PPS 1	State Modified Date	13/11/2020, 1:13 PM
Description	Sample comments	State Modified By	Ariful Islam
Subtype	Kommentar		
Canvas			

Items			
OK	Not OK	Description	Canvas
Grundfarbe / fabric colour			
✓		YDS: colour and design are ok all over washing are ok pocket lining: ok	
Materialqualität / fabric quality			
	✓	little bit loud and handfeel is too stiff. should be more soft	
Warengewicht / fabric weight			
✓		156 gsm will be ok	
Zutaten / trimmings			
✓		rib: ok string: ok thread: ok	
Druck / print			
Stickerei / embroidery			
Applikation / application			
Displaying 1 - 13 of 31 results.			

Figure3.8: CS Sample Comments

3.2.6 CS Sample Comment

808156 - TechPack

Ernsting's family

808156 - Ju-Shorts, poplin, karo

PPS 1

ABANDONED 13/11/2020, 1:13 PM

Items

OK	Not OK	Description	Canvas
Weblabel / Aufnäher / woven label / badge			
Verarbeitung / workmanship			
	✓	- all over seam puckering for 2NDL stitching should be increased; looks too flat now - button hole for strings is showing white thread inside; it looks not nice, pls improve	
Markenauszeichnung / brand labelling			
✓			
Etiketten / hangtags			
✓			
Verpackung / packaging			
Pflegeetikett / carelabel			
✓			
Styleumsetzung / style as requirement			
✓			
Kindersicherheit / children's safety (DIN EN 14682)			
✓		visible string length may not be longer than 20 cm >> ok as per sample	
Notice! For articles with GOTS, OCS, RDS, GRS, RCS certification: Pls make sure to send the transaction certificate to TC@ernstings-family.com asap (latest 2 weeks after shipment) and send us the logo approval.			

Displaying 14 - 31 of 31 results.

Figure3.9: CS Sample Comments

Ernsting's family	808156 - Ju-Shorts, poplin, karo	Review - Yigga boys woven pantsTed 1/4 length 100% CO popeline popeline - 2	APPROVED 13/11/2020, 11:41 AM
Size Chart	Yigga boys woven pantsTed 1/4 length 100% CO popeline	Base Size	140
Size Range	M015 - 134,140,146,152,158,164		
Image			
Remarks			

Figure3.10: CS Sample Comments

Size Set Sample

The primary objective of the size set sample is to assess the practicality of producing clothing in various sizes. The size set example is created using real fabric and embellishing techniques. The Cutting Department will calculate the necessary size pattern corrections for bulk production based on the shrinkage data of the size set Sample.

Ernsting's family

808156 - Ju-Shorts, poplin, karo

Review - Yigga boys woven pantsTed 1/4 length 100% CO popeline popeline - 2

APPROVED 13/11/2020, 11:41 AM

Fit Comment

Canvas

Size chart state

APPROVED

Evaluation

Dim	Description	140			Tol (-)	Tol (+)	Sample Comment
		Review - Yigga boys woven pantsTed 1/4 length 100% CO popeline popeline - 2 pre-production sample - 298-dunkelblau - 140					
		Target	Actual	Revised			
W	1/2 waist	33.0	32.5	33.0	-0.5	0.5	
WST	1/2 waist, stretched min.	40.0	40.0	40.0	0.0	0.0	
WBH	waistband height	4.0	4.0	4.0	-0.5	0.5	
STRLV	visible string length, relaxed	19.0	19.0	19.0	-0.5	0.5	
HD	hip down, incl. waistband	14.5	14.5	14.5	0.0	0.0	
H	1/2 hip	42.0	41.5	42.0	-1.0	1.0	
SIL	slit length	11.0	11.5	11.0	-0.5	0.5	
FRI	fronrise, incl. waistband	23.5	24.0	23.5	-0.5	0.5	
BRI	backrise incl waistband	33.0	32.5	33.0	-0.5	0.5	
T	1/2 thigh	25.5	25.0	25.5	-0.5	0.5	
LO	1/2 leg opening	22.0	21.5	22.0	-0.5	0.5	
IS	inseam	20.0	20.0	20.0	0.0	0.0	

Displaying 12 result(s).

Units: CM

Figure 4.1: Size Set Sample Comment

Sample Test Report

Ernsting's family808156 - Ju-Shorts, poplin, karoYigga boys woven pantsTed 1/4 length 100% CO popelineDRAFT-Sample 13/11/2020, 1:14 PM

Shape	Ted	Neck-Drop	
Sleeve length		Back length	
Leg length	0003-1/4	Collar shape	
Neck-Opening		Brand	50-Yigga

Dimensions

Dim	Description	134	140	146	152	158	164	Tol (-)	Tol (+)
W	1/2 waist	32.0	33.0	34.0	35.0	37.0	39.0	-0.5	0.5
WST	1/2 waist, stretched min.	39.0	40.0	41.0	42.0	44.0	46.0	0.0	0.0
WBH	waistband height	4.0	4.0	4.0	4.0	4.0	4.0	-0.5	0.5
STRLV	visible string length, relaxed	19.0	19.0	19.0	19.0	19.0	19.0	-0.5	0.5
HD	hip down, incl. waistband	13.7	14.5	15.2	16.0	17.0	18.0	0.0	0.0
H	1/2 hip	40.5	42.0	43.5	45.0	47.5	50.0	-1.0	1.0
SIL	slit length	11.0	11.0	12.0	12.0	13.0	13.0	-0.5	0.5
FRI	frontrise, incl. waistband	22.7	23.5	24.2	25.0	26.0	27.0	-0.5	0.5
BRI	backrise incl waistband	32.2	33.0	33.7	34.5	35.5	36.5	-0.5	0.5
T	1/2 thigh	24.5	25.5	26.5	27.5	29.0	30.5	-0.5	0.5
LO	1/2 leg opening	21.5	22.0	22.5	23.0	24.0	25.0	-0.5	0.5
IS	inseam	18.5	20.0	21.5	23.0	24.5	26.0	0.0	0.0

Displaying 12 result(s).Units: CMIncrement Display: Absolute

Figure 4.2: Sample Test Report

Production Planning

The clothing business relies heavily on the production planning department. The garment industry's regulating characteristic is production planning. It details every step of the procedure to ensure products are delivered on schedule. Therefore, production planning entails regulating time is the determining factor in the production and manufacturing processes. Within the allotted time frame, the planning section does prepare for each manner of order execution. The clothing business must adhere to every work schedule since without one, they cannot sustain themselves. The production plan department adheres to the production schedule based on the delivery date of each order. When it comes to in-house fabric and trim production, they are well-informed. To a lesser extent, both domestic and foreign sources provide the fabric and embellishments. As a result, the option's delivery date forms the basis of their planning. What is the seller's present position? And how can a customer evaluate the vendor based on shipping percentage? The production planning department is so required to carry out a number of critical duties, including the following:

- Capacity planning.
- Time & Action (TNA)
- Scheduling.
- PP meeting.
- Order Allocation.
- Man power & M/C allocation.
- Execution Of every task.
- Materials planning & In-house follow-up.
- Delivery Meet

Pre-production Meeting (PPM)

To say "PP Meeting," you say "Pre-Production meeting." Before big production in the clothing sector, the PP meeting is a very important one. The production planning department checks with the store and merchandising department to see the state of a certain style of fabric and trims. If everything is okay, they work together with all the departments that are involved, like quality control, cutting, finishing, merchandising, and customer representatives, to make sure that everyone understands how to make a certain style. Before the PP meeting, they can look over the production file, trim card, and ready-size set to make sure everything is okay. The plant sets up the Pre-Production meeting. Most of the time, though, it can be held at a house or liaison office. A merchandiser tells everyone who works with orders about the PP meeting plan. A quality manager (QC) in the clothing industry ran the PP meeting.

3.2.7 PP Meeting Arrange for Buyer Ernsting's family

So requesting all departmental Manager & Account holder merchant to attend on time.

Below related person must need to present at PPM

- Sample QC- with total file and size set garments with report
- Garments Technologist
- Production guy- At least floor in charge level
- Production quality- At least Jr. Executive
- Mechanic
- Finishing guy- Supervisor level
- Print/EMB/Snap/Heat seal/ Wash related people if required
- Fabric representative with fabric inspection report, GSM, Shade continuity card
- Cutting quality in charge with fabric package inspection or representative
- Garments planning with proper CP allocated line and floor
- IE- with proper layout and SMV
- Related quality manager
- GPQ
- Trims inspection quality with report
- Related account merchandiser
- Trims & Fabric Store
- Cutting (production)

Best Regards,
S Sarkar
Garment Planning,
SETL

Figure 4.3: Attended Person on PP Meeting

RS Rack Sample Submission

This is similar to a PP sample. It's generally taken from the first bulk and shows the whole fabric, embellishments, trims, accessories, and so on.

The RS sample, on the other hand, is sent in with all the finishing materials because it will be shown in the store.

If RS agrees, the garment's PO can be used for the inspection offer and shipping.

Shipping Order



Shipping Order SEA BOOKING

TRANSMARINE LOGISTICS LTD.

Jahangir Tower (5th Floor)
10, Kazi Nazrul Islam Avenue
Karwan Bazar, Dhaka - 1215, Bangladesh
2-9125792-96(PABX)

Date: January 20, 2021
SO No. 0004479902
HBL No. BGL122196

Shipper: MAHMUD JEANS LTD
Buyer: Ernsting's family GmbH & Co. KG
Notify: Ernsting's Family GmbH & Co.KG
Place Of Receipt: CHITTAGONG
Destination: HAMBURG

Phone 1:
Phone 2: N/A
Phone 3: N/A
Exp. Cargo H/O Dt: 18-01-2021

Cargo Details

PO No	Commodity	Style	SKU	Carton	Total Pcs	Net Wt	Gross Wt	Total CBM
608993	RMG IN CARTON	808156	DE	203	7380	0.0	1357.68	6.7
608993	RMG IN CARTON	808156	DE	193	6968	0.0	1281.56	6.37
608993	RMG IN CARTON	808156	DE	29	1000	0.0	186.23	0.96
				425	15348	0.0	2825.47	14.030000000

To Be Filled In By Office:

Feeder Vessel:
Voyage:
Exp.Rotation No:
Proj. Mother
Voyage:
Customer Officer:

Signature of Shipper/C&F Agent

Address:
Name of Setevdore:
Carrier/CFS: PLLC

Figure 4.4: Shipping Order

CHAPTER-04

RESULT & DISCUSSION

Audit Summary

The term "audit" refers to the process by which a company's income, cash flow, and balance sheets are checked for accuracy. Financial statements are more likely to be accurate when audited, which gives regulators and investors more faith in Denimic Limited.

VALMONT FASHIONS LTD Products : All kind of Denim/ Chino/ Cargo shorts Capacity : 7.5 million pcs /year Turnover : \$ 30 million Manpower : 2031 person Compliance : BSCI, SEDEX, ACCORD, GOTS, Oeko-Tex	KIMBERLEY DESIGN LTD Products : All kind of Shirts/ Blouses Capacity : 6 million pcs/year Turnover : \$ 25 million Manpower : 1500 person Compliance : BSCI, SEDEX, ACCORD
ODYSSEY CRAFT LTD. Products : All kind of Denim/ Chino/ Outerwear Capacity : 3 million pcs denim/year Turnover : \$ 15 million Manpower : 1200 person Compliance : BSCI, SEDEX, ACCORD	CROWN WEARS LTD. Products : All kind of Denim/ Chino/ Cargo shorts Capacity : 12 million pcs/year Turnover : \$ 50 million Manpower : 2414 person Compliance : BSCI, WRAP, ACCORD, ALLIANCE, GOTS
SREE APPARELS LTD. Products : All kind of Denim/ Chino/ Cargo shorts Capacity : 1.8 million pcs /year Turnover : \$ 10 million Manpower : 800 person Compliance : BSCI, ACCORD	UNIQUE WASHING & DYEING Products : All kind of wash & Over-dyeing Capacity : 18 million pcs/year Turnover : \$ 5 million Manpower : 550 person Compliance : BSCI, WRAP, ACCORD, ALLIANCE, GOTS
ZAMAN FASHION LTD. Products : Outerwear/ Swimwear/ Activewear Capacity : 4 million pcs/year Turnover : \$ 25 million Manpower : 1600 person Compliance : BSCI, SEDEX, WRAP	ASTRO STITCH ART LTD. Products : T shirts, Polo shirts, Sweats, Joggers Capacity : 4.5 million pcs/year Turnover : \$ 12 million Manpower : 950 person Compliance : BSCI, ACCORD

Figure 4.5: Audit Summary

4.1.1 Performance Rating in Bar Chart

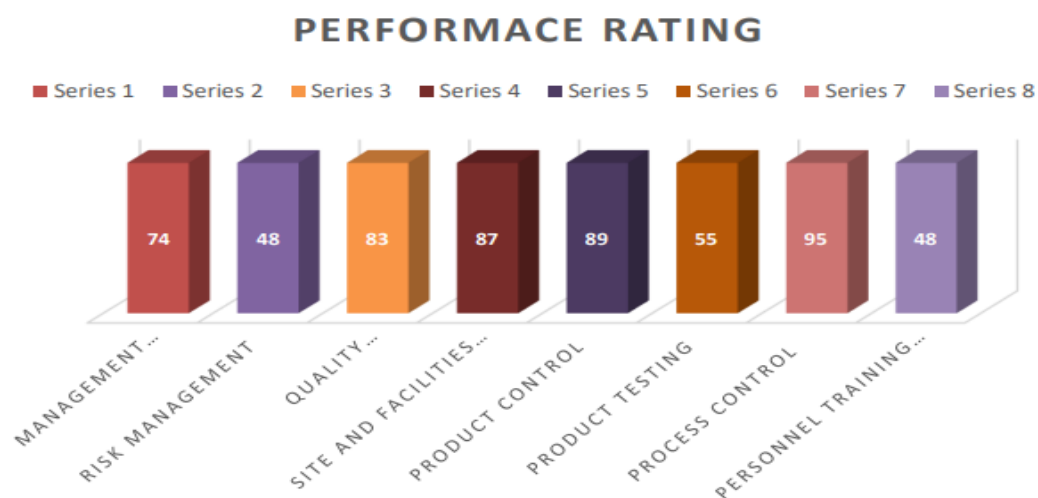


Figure4.6: Performance Rating

Costing

Previously we obtained that, the term "costing" refers to the steps used in the fashion industry to estimate and ultimately determine the overall cost of making a product. In most cases, it covers things like raw material cost, garment fabrication, trimmings, packaging, shipping, operational expenses, and labor.

Chart of a Final Costing Calculation

Cost Name	\$/pcs	\$/dz
Fabric Cost	2.125	25.5
Trim Cost	0.633	7.6
Cons. Pack	0.60	7.2
Labor Cost	1.845	22.15
Over heads	0.241	2.9
Final FOB in US	5.49	6.88

CHAPTER-05

CONCLUSION

I have done my project from **DENIMIC LIMITED**. I have learned a lot of things about Merchandising. After completing the project now I know about merchandising processes like Technical files, Sample development stages, Consumption calculations, Costing, Order sheets, TNA, PP Meetings, Quality, PSI, L/C, buyer negotiation, and so on. At first, we collected the Tech file. Then the goods we developed were Baby Leggings and color. The buyer was **Ernsting's family**. Total order quantity was 12595pics. The fabric was 5*2 Rib. Costing for the garments is \$30.96\$ per dozen. The buyer lead time was 60 days. Plan lead time 58 days. This order term was FOB and shipment to Chittagong.

Merchandising

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