

# **Faculty of Engineering Department of Textile Engineering**

**Project on** 

# Techniques to ensure on time shipment of woven garments

Course Title: Project (Thesis)

**Course Code: TH518** 

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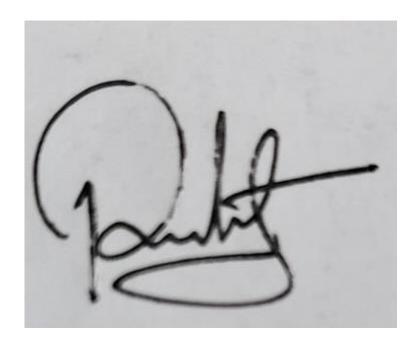
Faculty of Engineering

**Daffodil International University** 

This Report Presented in Partial Fulfillment of the Requirements for the Degree of Masters of Science in Textile Engineering.

#### **DECLARATION**

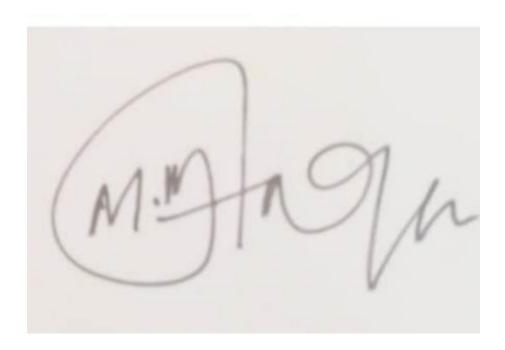
I am declare that this project is done my me, and the supervision is done under Md. Mahbubul Haque, Professor, Department of Textile Engineering, Daffodil International University. I also declare that there is no part of this project could not copied from any submitted degree.



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#### LETTER OF APPROVAL

This thesis report prepared by Sayed Sahid Hasan (203-32-419) is approved in partial Fulfillment of the requirement for the Degree of MASTER'S OF SCIENCE IN TEXTILE ENGINEERING. The said student has completed his thesis work under my supervision. When he prepared this thesis I found his sincerity and punctuality.



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#### **ACKNOWLEDGEMENT**

First of all I thanked to my greatest Allah to help me to reach my target goal and completed my project successfully.

I am also great full to my honorable teacher **Md. Mahbubul Haque**, Ph.D. (UK), CTextFTI, Professor, Department of Textile Engineering Daffodil International University, because his knowledge in this RMG sector help me out to find out the real goal. On the other hand his supervision help me way out the calculative process and why I am choosing this topic and how it is important to my sector, why I should be work for that.

I must also thanks to my company Dazzle Textile Ltd, and specially my all calques because when I performed my project I took many data from them.

#### **ABSTRACT**

This project thesis is all about the different technique and its different practices for on time shipment. On the other hand I am showing the main thing that how a professional merchandiser work and implementation his valuable knowledge in RMG sector.

I am confirm that if merchandiser section do not work out perfectly proper order will not come to industry. As a result, production, shipment will be close and the foreign currency will not be added the valuable strength in our economy.

All we know that ready made garments sector is the highest and main source of foreign currency. For that reason Merchandiser have been playing a vital role in this industry.

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# PART -ONE INTRODUCTION

#### 1.1 Introduction:

Bangladesh is the 2<sup>nd</sup> largest exporter country in the world with RMG sector. RMG (Ready Made Garments) sector is most vital industry in the world. And merchandising means buying and selling of any goods . So the term merchandising is fully related with the export and import business sector. There are lots of work in merchandising sector like marketing, order negotiation, buyer meeting, price negotiation, order confirmation, factory meeting, production line maintain, quality assurance, L/C opening, shipping line booking, and last Ex-factory.

In Bangladesh . there are lots of opportunities for doing garments business. From past to present the technology getting updated . Lots of automatic machine included in this sector. And I want to say there is a big part from our textile industry and out merchandiser team make it more easier to getting this sector more efficient and sustainable. Due to that reason our mill owner make their industry compliance according to the brand customer requirement.

# PART- TWO Literature Review

## 2.1 Exporting product from Bangladesh FY 2021:

As a developing country Bangladesh export many product like textile and garments item and it is a source of economic growth development. Among them woven garments 37.40% and knit garments 43.76%.

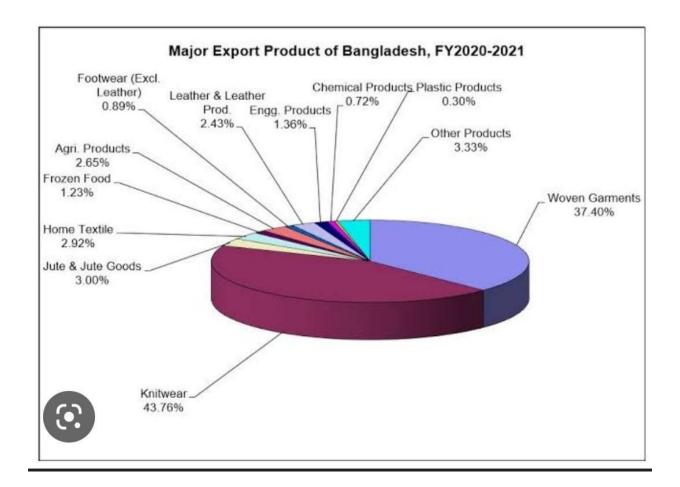


Figure:1

#### 2.2 The garments factory increasing parameter last few years:

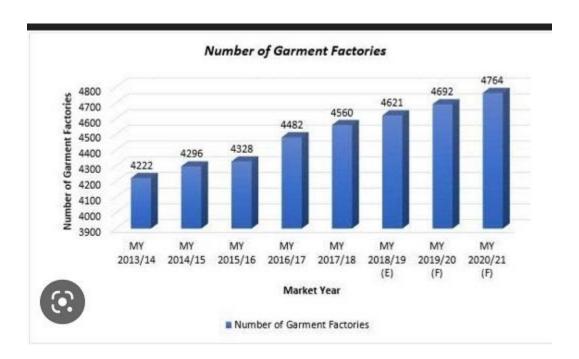


Figure:2

#### 2.3 Merchandising:

Merchandising involves in marketing and production department. Its process and system related to some commercial place. Finally, it is said that who is process this system is called Merchandiser. The work of trying to sell goods or services by advertising them or displaying them attractively.

According to American Marketing Association, merchandising encompasses "planning involved in marketing the right merchandise or service at the right place, at the right time, in the right quantities, and at the right price."

The planning and promotion of sales by presenting a product to the right market at the proper time, by carrying out organized, skillful advertising, using attractive displays, etc.

## 2.4 Technique Of execution merchandising:

Merchandising is executing an order from receiving to shipment through proper following-up the in-between processes. He is responsible for everything like sample making, send to buyer, approval from buyer and finally when it approved by buyer fo for bulk production. He is also responsible for on time ex-factory.

#### 2.4.1 The different technique of Merchandiser:

- > Buyer searching
- >Spec sheet receiving
- >Meeting with sample and production department
- >Discuss with marker section
- >Go through the trimmings and other things
- > Negotiation to customer about price
- >Finalization with customer
- >Preparing the TNA as per other supplier commitment.
- >Confirmation about lab-dip from customer
- >Fabric booking and accessories.
- >Receiving the PO
- >Monitoring production and product quality;
- >Making regular liaison with the customer and keeping him update on order & production status;
- >Follow up of customer instruction in respect of packing and packaging;
- >Arranging product delivery on time;
- >Follow up with the customer in respect of shipment and informing him shipment details;
- >Coordinate with shipping/ export department;
- >Arranging payment against export order;
- >Quick response follow up in respect of any of the buyer's query
- >Securing order, sourcing materials and constant follow-up with the customer;
- >Coordinate with all the concerned departments of manufacturing factory, supplier organization and the buyer.
- >Needs to cut a balance between quality, lead time, delivery schedule and price of the merchandise:
- >Organize the purchase of materials, follow-up of production, costing, quality & delivery schedule under tight deadlines

#### 2.5 Technique OF A Merchandiser:

The main role of a merchandiser is maintaining order collection and execution by handle different process. For that he must need the special knowledge about RMG sector. As well as he has to about different process like export import ,LC, BL, Shipment. Finally , fully know the role of merchandiser in business sector we must observe a order from collecting inquire sheet to exfactory.

#### 2.6 Technical work of Assistant Merchandiser:

He has good knowledge about swatch
How to approved swatch from buyer
Have good relation with different manufacturing unit.
Have to good relation in local supplier
Must follow up in production line
Collect the inventory report from the factory
Have ability to arrange the final inspection

#### 2.7 Technical work of Senior Merchandiser:

- >Making sample as per customer requirement
- >Have good knowledge about costing
- >Price budgeting
- >Final order with customer
- >Latter of credit
- >International sourcing ability
- >Manufacturing planning with factory
- >Production checking
- >Quality maintain
- >Final inspection monitor
- >Contact with commercial department
- >Arrange ex-factory

# 2.8 Techniques of merchandiser:

As a merchandiser, he must fluent in English.

He must be a educative person.

He must ability to write English and know English

Must know how to write e-mail

Must he has good appearance

He must able handling high pressure workforce

Must knowledge about dyeing and printing

Must good idea about computer like Excel, MS word.

Must knowledge about different types of fabrics and trimmings

# 2.9 Technical Procedure of merchandising:

Inquiry Sample development / buyer wants the price Price offer / sample offer Price negotiation Order confirmation PROFORMA invoice (delivery, order details, bank details, quality, unit price) Master L/C opening Fabrics + accessories develop + approval Fabric + accessories booking against L/C by back to back L/C

In-house of total fabrics & accessories following with supplier for pai

## 2.10 Study on packaging:

When a order is execution there are several factors are related. So it should be as per customer following chart. Like- fabric GSM, yarn count, RFID, Cartoon system, sample management, garments costing, production planning, BL date, trimmings requirement measurement etc.

These are like:
Brand name
Season
PO study
Size range
Packing ratio
Fabric contents
GSM
Ex-factory date
Trimmings details
Inspection should be maintain in AQL
Must be include details if print used
Appliques and embroidery must be as per customer
Must follow in folding manual
Ex-factory as per port schedule
Brief idea about samples and address

# 2.11 Technique of Lead Time:

Lead time is a process that is happening starting order time to finish.

It is the process that the order starting to submission the inquire sheet to Ex-factory. It is given by buyer. As per buyer requirement they give the schedule for shipment and in-house their warehouse. Because they also have a selling season so that things is related with the Lead time process.

#### 2.12 TNA:

Time and Action plan is a important part for any production. Basically, time and action plan made by merchandiser team. In TNA slot there are lots of things like plan ,management, fabric, accessories, in house ,booking etc. As per the chart buyer always know what is the real situation of the following order and what need to do for this order. It helps to merchandiser perfectly execution the order.

#### 2.13 Necessity Of TNA:

It is responsible for PP procedure.

Know the real situation of order process.

Have idea the time frame which is given by buyer.

It also gives the full fill idea of little problems solution.

TNA gives the idea about the status of running order and talks about delay or deviation, if any Time and action plan gives the clear solution that when the item should be in house.

It also helps to decrease the late production.

Manufacturing level of factory

Types of the order.

Festivals of manufacturing country

**Holidays** 

Breakdown of Ex-factory

Holyday of counter, because it is related with raw material process.

Logistics process

Lead time calculated by customer

Goods problem

Fabric and trimmings real situation.

Buffer required from each department

Any faulty situation of country

Flexibility of freight forwarder

Response time from buyer at different stages

Lead times of various activities like L/C payment, custom clearance, etc

Final date of ex-factory

In every situation the technique need the Time and Action plan.

# 2.14

# TNA EXAMPLE

SL	Time Frame	Action to be taken
1	01.03.2021	Received Master L/C. for an Export Order
2	03.03.2021	To receive proforma Invoice for piece goods & accessories
3	08.03.2021	To Open Back to Back L/C for fabric
4	09.03.2021	To Open Back to Back L/C for trims & accessories
5	10.03.2021	To submit fit sample to buyer

15

6	15.02.2021	To receive fabric samples from supplier
7	15.02.2021	To received trims & accessories sample
8	16.02.2021	To received comments on fit sample
9	18.02.2021	To submit size set sample to buyer
10	23.02.2021	To receive comments/approval of size set sample
11	25.02.2021	Ex-factory of fabric
12	25.02.2021	To submit PP sample to buyer

# 2.15

21	18.4.2021	To start finishing of garments
22	18.4.2021	Receipt of cartons at store
23	20.4.2021	Cartoning commences
24	23.4.2021	Sewing Complete
25	24.4.2021	Finishing Complete
26	25.4.2021	Pre-Shipment Inspection complete
27	25.4.2021	Ex factory of merchandise
28	27.4.2021	Handing over to shipping line
29	28.4.2021	Shipping of goods
30	29.4.2021	To send shipment confirmation documents to buyer

#### 2.16 Sample Technique:

The important one of part of RMG sector is sampling. Like when buyer place an order before they confirmed to see the things is called sample. They asking for different types of sample for confirming the order. Merchandisers should know the different types of sample for satisfy the buyer. Now the different types of sample is given bellow-

#### **Proto type sample:**

In initial stage buyer wants to see the a sample which is called proto type sample. It is only for design, product material or color is not an issue for making the sample.

#### **Fit Sample:**

The sample only made for checking the size or fitting is called fit sample. This is mainly requirement for girls or women dress.

#### **Counter sample:**

When we submit a sample to buyer at that time we need another sample for workmanship and verify buyer comments is called counter sample. Color and design is very important for that sample.

#### Mock up sample:

Mock up sample is need for customer another purpose, like sleeve, back part are not ready in this sample.

#### Salesmen sample:

The sample is made from actual color, design and material is called salesmen sample.

#### 2.16

#### **Approval Sample:**

Sometimes buyer revised the spec sheet then it need to approval sample. Because then buyer confused about the new sheet, that is why supplier submit the approval sample.

#### Size set sample:

For size confirmation size set sample are making. And size set sample covered all color and size .

#### **Pre- production Sample:**

The factory makes the PP sample when all accessories and fabrics are in house in factory then they make a sample before starting the production. This sample also send to buyer for final approval.

#### **Production sample:**

When the production is running buyer need to see the production that time supplier send some sample is called production sample. Because new technical sheet and approval sample is not match with the sample it would be great mistake.

#### **TOP** sample, online sample:

When the first production is online then buyer take some sample to cross check with the preproduction sample.

#### **Shipment Sample:**

After manufacturing is complete and prepared for ex-factory then buyer wants to see the final sample is called shipment sample.

# 2.17 Techniques of PO:

Purchase order is very important for Merchandiser. Because when buyer confirm an order he/she send a file which is the document for confirmation. It has many thing like price confirmation, quantity confirmation, ratio confirmation , shipment date and place to BL.



Supplier: 10083026 YOUTH FASHION LTD. [BD]

> DHAKA YOUTH TOWER 1216 BANGLADESH

#### ORDER WITH RFID

For this model, an order must be place for:

#### HARD TAG - "GEN7 DUAL RF HT +16mmPIN"

The hard tag must be ordered per Checkpoint's ordering site:

https://checknet.checkpt.com

Commodity(pincode): KOSZULA

IMPORTANT NOTICE! It is forbidden to ship this order without hard tags attached!

Penalty for sending goods without hardtags - 25% of total order value.

For support mail to Checkpoints Customer Service Helpdesk: < cs@checkpt-als.com > or Contact Nur Alam at Checkpoint Bangladesh Dhaka (nur.alam@checkpt.com or phone +88 (0)961296969696)

RFID LPP contact data: LPPRFID@lppsa.com

Model Name: KOSZULA CH BAS Commodity(invoice): BOYS' SHIRT

> Season: SS 2020 Brand: RESERVED

Product Group: shirts/woven\_bl Collection name: SS20/4/CR/BOY Model No.: XE835

BASIC/BASICOLOGY 4

the order. The manufactured goods will be accepted. The augplier must not sensitivity such goods without the written authorisation of the buyer, who, even

Then there exists of fellow — LPP to type have the first place of the control for control

over) pools will be recreased with the order of terms of quality. The buyer will be writted in recreament of the costs of quality installation and behave. I berraport, study sever and degrees will not be electrically the produce and what is developed by the buyer. The supposed cost what not exceed 200 USD.

Only one title subjection to Praints are with a presentation and contraction of the costs of a plants and of those and if the ody of Colomb (POLANC), residently foregoing any other winds require

of original shipping documents must be delivered to LPP according to the deadlines industed in LPP Shipping Cocuments Manual. Incorrect or deleyed originals will result in financial fee — this of order fee guarantees that health understand in accepts the implements of the LPP Code of Combust that health received.

-1-

Entity I Order No: 810778

Date of Order: 2019/05/08 PRICE POINT

Transport Type: SEA-RUSSIA 49,99 PLN 12,99 Port of discharge: Petersburg 899 299 Incoterms FOB Chittagong 399 49,99 FPH LEI Shipment date: 2020/01/11 3495 Ft 19,99

Terms of payment: T/T BZ 180 Currency: USD

Availability From: 2020/01/02

Inspection

# 2.20 Technique of Fabric Booking:

Fabric booking is a important part of merchandising. Because when a buyer confirm a order he confirm it with the color, quantity, and size. So after making the consumption need to be booking the fabric in local or internationally.

So it is mandatory to booking fabric color wise, other wise the order will not be execute.

	Sahed Fabric booking			(	<u>) —</u>	Date-2
			MISHA kunja-1, Khi BRIC	lkhet , Dha	ka-1229.	
Style No	Fabric Quality	Colour	Qty/YDS	Unit Price USD / VDS	Total value (\$)	Finishing Remarks
UF531.UF5 18	100% Cotton Oxford AOP	59X	9800 Yds			As previous production
		Total:	10391 YDS		\$0.00	

# 2.21 Technique of Consumption:

Consumption is very important issue for woven garments merchandising. There are many factors are related with the consumption. Now I will show the consumption process for a woven short sleeve shirt.



Figure:3

# 2.22 Measurement chart:

POM	POM Description	+tol	-tol	134	140	146	152	158	164	170		
357A	A - length - dlugosc	1	-1	55	58	61	63	65	67	69		
357B	B - shoulder width - szer, ramion	- 1	-1	33.5	34.5	35.5	37	39	41	43		
357C	C - sleeve length - dl. rekawa	1	-1	15.5	16.5	17.5	18.5	19.5	20.5	21.5		
357C1	C1 - sleeve length (inside) - dl. wew. rekawa	1	-1	4	4.5	5	5.5	6	6.5	7		
357D	D - chest - szer na linii kl. piersiowej	1	-1	38	39.5	41	43	45	47	48.5	1	
357E	E - armhole - gl. pachy	0.5	-0.5	15.5	16.5	17.5	18.5	19.5	20.5	21.5		
357F	F - bottom sleeve width - szer. dolu rekawa	0.5	-0.5	13	13.5	14	14.5	15	15.5	16		
357G	G - bottom width - szer na linii dolu wyrobu	1	-1	40	41.5	43	45	47	49	50.5		
357H	H- back yoke height- wys. karczku	0.5	-0.5	10	10.5	11	11.5	12	12.5	12.5		1
3571	I - neck depth - gl. podkroju szyi	0.2	-0.2	6.1	6.3	6.5	6.7	6.9	7.1	7.3		
357M	M - neck width - szer, podkroju szyi	0.4	-0.4	13.7	14.1	14.5	14.9	15.3	15.7	16.1		
357V	V - collar width (at the end) - szr konca kolnierz	0.2	-0.2	3.8	3.8	3.8	4	4	4	4		
357X	X - collar width (at the bottom) - szer, kolnierza	0.2	-0.2	3.6	3,6	3.6	3.8	3.8	3.8	3.8		
							8 8			9 3		
	9											
											1	+

Figure:4

# 2.23 Technique of fabric consumption:

1.Fabric consumption : Body + Chest
(BL+AL) X (1/2 Chest + AL)X 2 X 12
Fab width X 36X2.54X2.54
69X48X2X12
54X36X2.54X2.54
=6.33yds/dozen
2.Fabric consumption : Sleeve
(SL+AL) X (Arm Hole + AL)X 2 X 2X12
Fab width X 36X2.54X2.54
23.5X23.5X2X12X2
=
=2.11yds /dozen
3.Fabric consumption : Collar
(CL+AL) X (CW + AL)X 2 X 12
:

38X6X2X12
54X36X2.54X2.54
=.43629yds /dozen
4.Fabric consumption : Collar band
(CBL+AL) X (CBW + AL)X 2 X 12
:
16.9X8.7X2X12
=
=.2813yds /dozen
5.Fabric consumption : Yoke
(YL+AL) X (YH+AL)X 2 X 12
Fab width X 36X2.54X2.54
42X13.5 X2X12
54X36X2.54X2.54
=1.08yds /dozen
So total fabric consumption for short sleeve shirt is:( 6.33+ 2.11+ .43629+.2813+1.080) =10.237 yds / Dozen

# Part -Three (Methodology)

Applying different technique in specific project for on time shipment

#### 3.1 Background Of technical Work:

This career episode is all about achieving target production by using merchandising methods of style which is a woven shirt.

**Time Period:** August 2020 to January 2021.

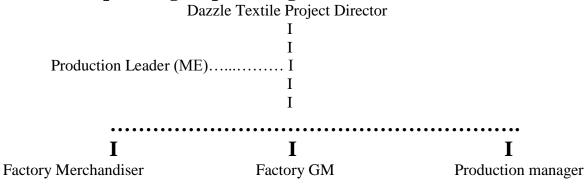
Place: Dhaka, Bangladesh. Firm: Dazzle Textile Ltd.. Responsibility: Merchandiser.

#### **Technical plan:**

LPP is a liaison company of polish. LPP is the world famous company. Dazzle textile ltd is agent office of LPP. On the other hand Youth fashion ltd. is the manufacturing partner of Dazzle textile lt.

Style VE076 is one of the targeted item for mother company LPP, because in last meeting they told to the vendor about this product. Some of their company issue they need it earlier shipment and regarding this matter we are planning to export it before the given shipment date. So from my responsibility I was pre planning with my team and also factory people how to meet up the earlier shipment date because there are lots of matter in a new style making program. Like fabric booking and production, accessories booking and production, factory line management, shipping line earlier booking etc. So as per our planning we contact with all supplier and booking all of things as per requirement and make a special team to monitor this special style production execution.





# 3.3 Following work followed by me:

- Monitoring the Fabric and accessories current situation.
- Monitoring the production line and get data the real situation of the line.
- Monitoring the quality team as per the buyer given table.
- Monitoring the higher working process and the output situation.
- Arranging the needed element where needed.
- Monitoring the cutting section and observing the consumption matching.
- Monitoring the problem creating section and arrangement the solution.
- Maintaining the buyer shipment process.

## 3.4 Personal technical Activities:

From first of beginning I started my work like Costing, that is way I need to calculate the CM .Because when we start the production we must needed to know what would be earn from the current style. I meet with factory technical person and factory GM regarding issue. After all planning they give me 4 production line. So the cost of making was-

Production per minute X Production Time / Efficiency

In here, for youth fashion Production per minute .043, it was standard for 1 year

And the Supplier Operating time 113 minute

And finally Overall working efficiency 78 % (Fixed for this style)

So I calculated the CM

=.043 X 113/78%

=\$3.40

We got the CM for the specific style, which is real costing for factory.

So, now we can easily calculate the total production line cost and as per the policy we can easily find out the needed working hour for catch up the real shipment date.

Out target is that if we meet up the buyer targeted shipment date we will got huge order for next intake.

Production /Minute	.043	Youth fashion (fixed for 1)
SOT in Minute	113	Youth Fashion
Efficiency	78%	Target ( As per meeting)
Result	.043 X 113/ 78%	\$3.40

Table:1

		Fabric	Ouantity		
	9				USD
Fabric		Specification	Quantity/ consumption	Unit price in	Amount in USD
Shell fabric		100% Viscose Structure: WOVEN POPLIN 50's/1 x 50's/1 132 x	1.61	1.5	2.42
fabric II			1		
fabric III					
Liningpiping			<b>†</b>		
	padding	N/A	1		
body	quilting	N/A	1		
sleeves	quilting	N/A			
interlining					0.03
	Main zipper	N/A	1		10.
	Fly zipper	N/A	<b>†</b>		W
Accessory	Sleeves zipper	N/A			9
	Legs zipper	N/A	†		
	Pockets zipper	N/A			
	Eyelet	N/A	1		is a
	snap button		1		
	Main buttons		8	0.0046	0.04
	Small buttons	t .		0.00.0	
	Twill tape				
	snap button	N/A			
	snap button	N/A	1		el .
	elastic tape	N/A	1	$\vdash$	
	string	N/A			10
	Main/Size Label/Hangtag/Care- label/flag-label				0.13
	cartons + Polybag/carton stickers/poly+blister stickers/ inner board				0.12
	Others				
	Finishing				0.02
					+
Labour ( CM)	200		~		1.83
TRANSPORT & Commercial					0.20
Final price					4.78



### 3.4 Technique for TNA:

In this stage I maintain the TNA, which was very effective work for my execution order, and I also informed my all team members to follow the chart. As per the chart my first requirement was to in house the fabric and accessories. So I contact with the local and international supplier to send all things to the factory. So after receiving that I monitoring the inventory report and check out with booking and finally give permission for fabric cutting. Technique for OWE calculation:

In the mean time I need to calculate the overall working efficiency because I found some discrepancy in L3. This method I knew from my mother company and applying their own software I got the result.

So the calculation was like that

Overall Working efficiency= (SOT X No of Output) /(Manpower X Working Hour)) X100

In previous we knew SOT= 113minute

Product out come / day= 190 pcs

Worker= 56

WH= 12X60= 720 minute

SO OWE= (113X190) / (720X 56)) X100= 53 %

Supplier Operating Time	113	
No of Out put	190	
Manpower	56	
Working Hour	720	
Theory	{(113X190)/(56X720)}X100	
Result		53 %

Table :2

So, we can see the efficiency was in minus situation Which was=70-53=17%

So, we need take some action for the % balancing, because if we did not balance the % it hamper out shipment. So, I informed the production manager about the calculation and they would take necessary step to reduce the problem and got success result.

3.4Technique apply in PP Comments: In this stage, factory people faced some problem and they informed me about that problem like in pre production sample button plate attached the tape but in pre production comments buyer cancel the tape from the plate. So, it was a very important topic in this situation. Because if they attached the tape in plate and buyer did not accepted it would be a great problem for both party.

So I contact with buyer and got the real result and passed it in production line.



Figure: 5

### **Before**

Supplier Operating Time	113	
No of Out put	219	
Manpower	56	
Working Hour	720	
Theory	{(113X150)/ (56X720)}X100	61%

#### **After**

Supplier Operating Time	113	
No of Out put	280	
Manpower	56	
Working Hour	720	
Theory	{(113X150)/(56X720)}X100	
Result		78 %

So, The result was very time consuming, because if the worker attached the tape they needs .40 sec in per shirt which was time consuming. After clearing this issue they can easily reach the % efficiency and it will help for the real earlier ex-factor.

3.4.1 Technique for increasing efficiency by setup automatic machine: In final situation I contact with finishing section because they might slow due to some little issue like they did not check the pin which was very prohibited for this order. And Quality controller team got different types of pin in poly pack. Which was critical fault for baby item.

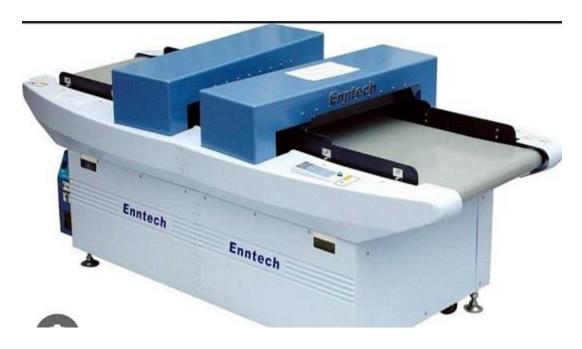


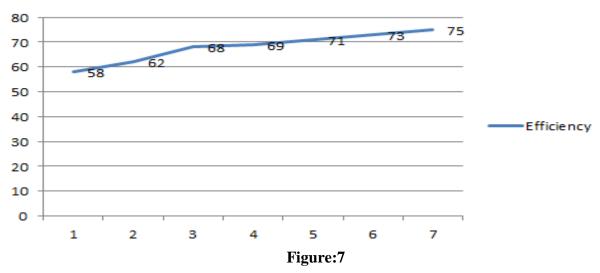
Figure:6

So, I talked with GM and request him for arranged another people and pin sensor machine to check each and every pcs shirt to avoid cancelation order. And the out put getting high like it increasing 175 to 300 pcs.

Supplier Operating Time	113	
No of Out put	219	
Manpower	56	
Working Hour	720	
Theory	{(113X219)/(56X720)}X100	
Result		84 %

Table:2

### **Efficiency**



After final getting the report we saw the great news for efficiency increasing. Because if the efficiency did not getting higher we never catch the perfect shipment date. So, after taking all positive initiative we confirmed the production and packing and finally we mail to buyer for final inspection which was held by third party.

## 3.4.2Technique for Inspection and running production inspection

### Report:

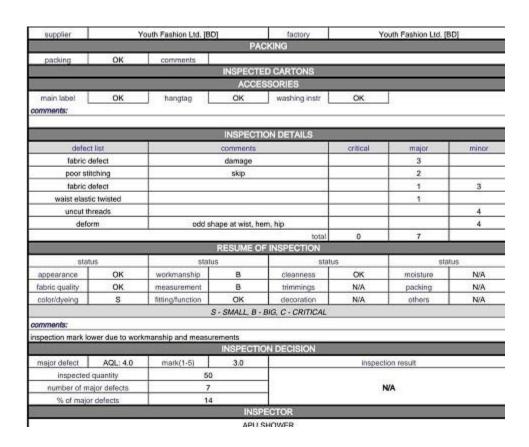


Figure:8

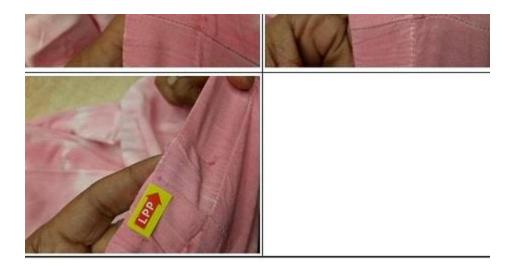




Figure:9

### 3.4.3 Technique on Inspection Result:

In inspection stage, I performed a vital role for this style. Because inspection report is very important for garments shipment. Is here any discrepancy or bad inspection report from inspector product could be cancel or buyer asking for discount or buyer can ask for air shipment after recovery all problems.

So, we arrange all types of preparation for making the inspection program positive. Because we knew inspection must be conduct in AQL 4.0, So if the level is below 2.5 as per buyer regulations it would be Fail.

In this day we arrange everything like Moisture machine, weight machine, GSM cutter machine, so that can show a positive impact for inspection.

After all of preparation our result comes positive and we got AQL 3.0 out of 4.0.

# Part –Four Result and Remarks

### 4.1 Remarks Of technical process:

A vital part of RMG sector. Order marketing, price negotiation, order negotiation, Sampling , factory management, production management , out put per day ( Factory merchandiser) ,TNA, Lead time , L/C opening, Fabric booking etc. all things handle by a Merchandiser and all things process is called merchandising.

### 4.2 Remarks of this episode: Implementation of technique:

In this project I was applied all my technical knowledge, and applied different types of theory. Because as per our buyer comments buyer requirement was to make an earlier shipment due to their emergency. So, as a technical person made a successful project and I made the efficiency positive, made the goods in perfect as per buyer pre-production sample comments, contact with all supplier, made TNA, and finally booking goods as per needed time. Finally the goods reached the buyer address and buyer thanks our company lot and it would really help for next.

# Part – Five Conclusion

### **5.1 Conclusion:**

At the end of this project I want to say really it was a successful project, because I describe all things of merchandising and how we apply different techniques for ensure on time shipment. After knowing all things I showed that how works merchandiser and what is the importance of a technical person for execution perfect order. How it contribute in national economy and it is also work for unemployment word stop because if merchandiser did not catch the foreign order with in short time all factories and industries will shut down.

On the other hand I also showed that in the process of merchandising I implement it my own company order and solved many problem of that order and insure the on time shipment. Because this was a important order for my company that is why they assign me a to monitor this order as a merchandiser.

### 5.2Reference:

http://www.onlineclothingstudy.com/2012/07/time-action-calender-format-for.html

 $\underline{http://www.textiletoday.com.bd/magazine/690}$ 

 $\underline{http://apparelmerchandisingworld.blogspot.com/2013/07/knit-fabric-consumption-formula.html}$ 

http://apparelmerchandisingworld.blogspot.com/2013/08/critical-path-tna.html

My personal Job experience for this project