

Faculty of Engineering

Department of Textile Engineering

REPORTON

"Investigation on the comments of buyers on different types of samples in ready-made-garments production"

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

Advance in Apparel Manufacturing Technology
Spring - 2020



Faculty of Engineering

Department of Textile Engineering

Latter of approval

Thesis assigned "Investigation on the comments of buyers on different types of samples in ready-made-garments production" at "Daffodil International University, Spring 2020" get ready & required to submit mostly by Khondokar Abdullah Al Jubaer (ID: 172-23-5140) in condition compliance with Bachelor of Science in Textile Engineering requirement, it has been analyzed & recommend for consent and undertaking.

Supervisor

Md. Abdullah Al Mamun
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Acknowledgment

First I give thanks to Allah who gives me capacity to finish this theory and research work. I give thanks my exploration boss **Md. Abdullah AL Mamun sir, Assistant Professor** without his help and devoted contribution in each development all through the procedure; this paper would have never been cultivated. He is very friendly. He help me very much in this thesis.

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I complete my intern from "FARIHA KNIT TEX. LTD." Stuff was very helpful in completing this work. Their advice helps me in progress in my work.

Ultimately, during my studies I sincerely thank to my parents and other family member.



Dedication

I am dedicating my thesis to my parents.



Abstract

Research paper is on "Investigation on the comments of buyers on different types of samples in ready-made-garments production". The function of test choice in RMG section is highly critical productivity & performance of the manufacturing floors could be, the workplace merchandising section would not be able to establish a successful trading link within the consumer when they don't provide goods to client exact schedule.

The sample produce in the specimen department are buyer determine the focusing output in workplace. There are several weaknesses discovered by examining the construct. This goal of this work is to identify a problem of its sample section and to create potential solutions and also real suspension workplace belong having lost work list placed with familiar customer.



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CHAPTER_01 INTRODUCTION



1.0. Introduction

1.1. Foundation of the Study

Workplace specimen are major mature try the production. For that the retailers keep the work list then customer pleased & like the specimen standard sample is one of the main process of this industry which is attract the client.

When client attract this specimen then they order some amount of goods in this work place. If this specimen quality is higher & the cost is reasonable then the client place order for good.

Before production client select the specimen. RMG section grow the specimen quality. Their target to make specimen the requirement of client. Before this specimen prepare work place may should follow this type of skill

- Well knowledge about RMG section
- Good realization about specimen quality, type and cost of goods
- Produce Company should have expert merchandiser who have conversation with foreign client
- Want to know specimen development process step by step
- Known about reason of fault of specimen
- Also known about how can recover this type of specimen fault
- Produce company also have ability of process confirm the order



1.2. Quarry of the study

This process are for the quarry exploration:

- Work try to reflect client choose specimen
- Study with specimen process procedure
- Study about ware house specimen fault logic
- Find out the problem of specimen fault.

1.3. Restriction of the inquiry

Restriction of the few reason are:

- I haven't enough data to fulfill this requirement
- Worker haven't give me valuable information properly
- I didn't attend my intern last some days because of COVID-19
- For that I miss some part of work experience.



CHAPTER__02 LITERATURE REVIEW



2.0. Literature Review

2.1. History of Garments Industry in Bangladesh

In 60th decade to the 19th century the starting point of the textile industry was 1st accepted. On 1965-66, The Industry first export shirts to the European market produced from Karachi. In 1977-78 there were 9 exporting industries available in the latter. Riaz garments, Juel garments and Paris garments were the three biggest industry of that time.

In the advantage stage, Mohammad Riaz Uddin's Riaz garments began its business with some tailoring store in Riaz's name. The brand later became Riaz garments from the store in Riaz in 1973 and from 1978 company began the sell abroad quality goods export selling 10,00,000 of shirts in South Korea business called "Olanda". Other founder of my country RMG section is "Desh Garments".

Any other flexible & diligent individual investments RMG work in a nation by obeying the starts of the RMG sector. After this, Bangladesh RMG sector was creating day by day & just don't need to watch before. While that section have over the way through various critical stages. We observe that & our warehouse is at large from the under aged labor in 1995.



2.2 Summary of RMG Section in Our country

RMG sector in Bangladesh's have various dollar producing and sell overseas this sector.

While the industry contribute just 0.001% all sell overseas be paid of the county in 1976, it may part in 2005 rose of around 75% to that be paid. In 2005, our country sell overseas goods of equipment is \$6.9 billion, that represented around 2.5% world rate of garments sell overseas (\$276 billion). Last 15 years, the county RMG industry has grown by more than 15 percent annual on average.

Usually, Bangladesh had around 4,000 RMG companies. With the exception of a few foreign companies based in export processing areas, over 95 percent of those companies are owned locally (Gonzales 2002). RMG companies based 3 cities these are:

- Dhaka
- Chittagong
- Narayangonj

Bangladesh manufactured RMG are 2 types: Woven & Knit. The main knit products are shirts, T-shirts, pants which are the head woven products are undergarments, socks, t-shirts, sweaters and soft clothes. Woven undergarments goods now all control the county's garment sell overseas be paid. Science early 1990s, the proportion knit ware house goods are increased, these goods are sell overseas about moreover 40% of the nation's total sell overseas be paid from RMG.



2.3. Advancement and Movement of Bangladesh RMG Sector

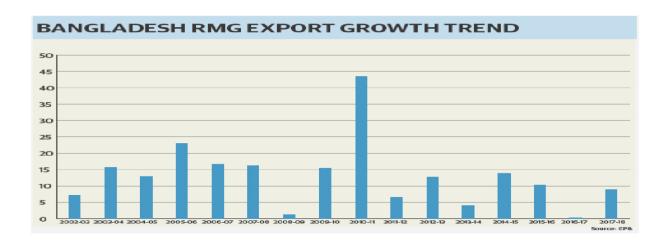
In Garments sector, worker of 4000000 worker most of them are female, added 83.49% to \$36.66 billion cumulative exports till date from Bangladesh.

Bangladesh's total exports from the garments industry improved by 8.76% - \$30.62 billion in FY 18, this increasing.

The clothing sector, worker of 4000000 workers most of them are female, to present,, 83.48% added to our country \$36.67 billion cumulative exports.

Thus according export released on Wednesday by the Export Promotion Bureau (EPB), our counties sell overseas RMG section at 31.63 billion, reflecting a rise of 9.43%. This photo for FY 18 is 1.52% lofty afterwards \$30.17 million goal.

Knit wear goods won \$15.18 billion of the overall number, which is 10.40 percent higher than \$13.76 a year earlier in the same period. Woven goods raised \$15.42 billion, up 7.18 percent from 14.39 billion a year earlier.





2.4. Meaning of Sample

Before starting bulk production, garment samples are certainly valuable and checked. For that creating a specimen of the clothing that has to vend. Specimen which process is valuable & is critical to draw buyers.

2.5. Information Attached to the Sample of the Garment

Sample submitted to the purchaser shall have the corresponding features applied to it, with the aid of a tag, after information of the order. It includes the subtleties about what the customer has asked for and what texture/trim addition and so on, if possible.

- Reference number
- Shade
- Cloth
- Structure
- Representation
- Stock

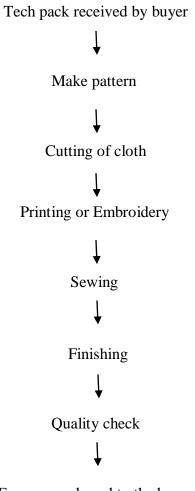
An individual specimen section may be located in a business. However, science the sampling department is the individual merchandiser, it works with the merchandising department. Even if the prices and quality standards are to be taken by consumers, the merchandise has to give appropriate advice to sample department.



2.6. Application of Sampling

The sample process vary from different standpoints & manufacturing activity balance broad variety goods, including all textiles, finished products and surface effects, and all forms of compound items such as knitting, house-production, householder clothing, cutting and sewing.

The first step includes designing the original design or conception idea with customer approval. Additionally, the development and production teams perform a systematic review/risk analysis.





2.7. Categories of Sample & Requires

Sequential no.	Categories of Sample	Requires
01	Proto Sample	Change the pattern into piece of garment.
02	Size set/ Fit Sample	Fits the garment element style
03	Ordinary sample magazine (White only). Photo sample rack top.	What of these sample is created to display the rack's clothing
04	Salesman sample	Permission to bulk production
05	Development sample	Change the pattern into piece of garment
06	Pre Production sample	Permission in front bulk showing
07	Production sample	Permission get the garments delivered
08	Shipment sample	Goods are ready for shipment

Table 2.1



2.8. Necessary Samples to Complete an Order for Garments

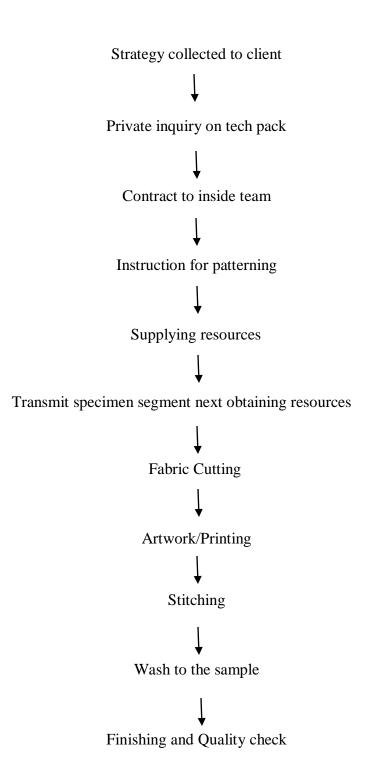
Most of the times Eight types of test are sufficient to complete a sample request report____

- > Fit Specimen
- > Proto Specimen
- > Measurement Specimen
- > Salesman Specimen
- > Development Specimen
- > Pre-Production Specimen
- > Top over Production Specimen
- > Shipment Specimen



2.9. Production Samples of the Garments Sector

Activity Step by step diagram









CHAPTER_03 METHODOLOGY



3.0. Methodology

3.1. Now I expound deals record of client $_$

> SPRINGFIELD



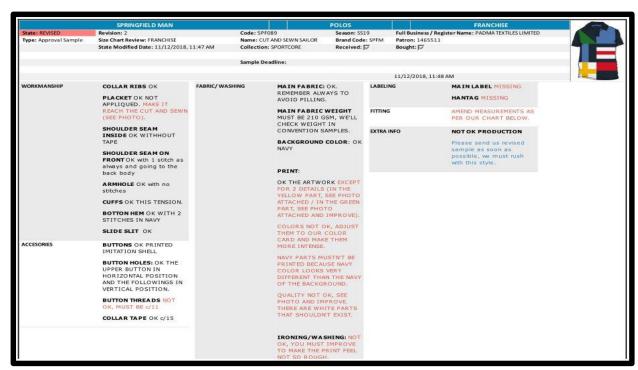
> CORTEFIEL



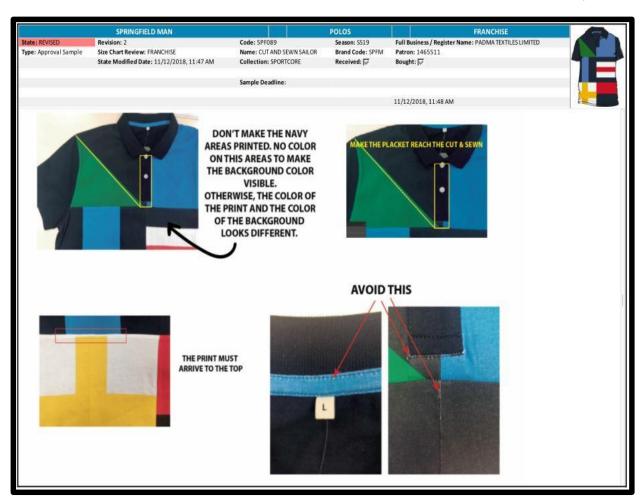


3.2. Sampling Figures Gathering



















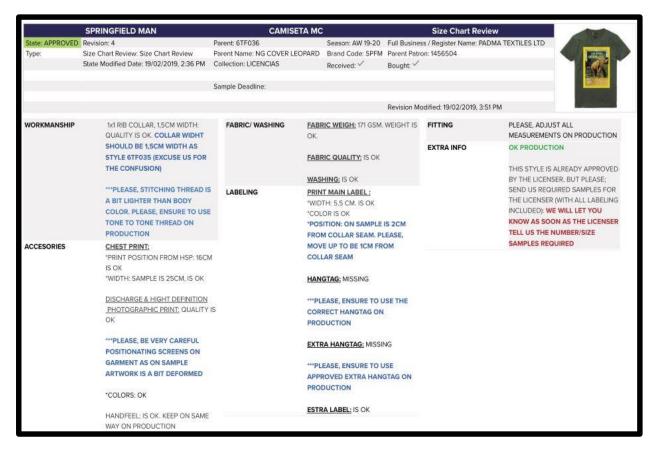
	SPRINGFIELD MAN	CAMISETA	MC		Size Chart Review		100
State: APPROVED	Revision: 6	Parent: 6TF035	Season: AW 19-20	Full Business	/ Register Name: PADMA	TEXTILES LTD	A TOP
Гуре:	Size Chart Review: Size Chart Review	Parent Name: NG COVER LEOPA	ARD Brand Code: SPFM	Parent Patron	1456490		
	State Modified Date: 05/03/2019, 3:50 PM	Collection: LICENCIAS	Received: V	Bought V			
		Sample Deadline:					
				Revision Mod	ified: 05/03/2019, 3:55 PM		-
VORKMANSHIP	1X1 RIB COLLAR: 1.5 CM IS OK.		FABRIC WEIGH: 166 GSN S OK.	M. WEIGHT	EXTRA INFO	OK PRINT STR	
	QUALITY: IS OK1 STITCH TONE TO TONE IS OK		COLOR 96. IS OK				
	- BACK COVER SEAM (SELF BODY						
	FABRIC): 1 CM WIDTH: IS OK						
	HEM & CUFF 2 NEEDLES: ARE OK						



	SPRINGFIELD MAN	CAMISE	TA MC			Size Chart Review	100	
State: APPROVED	Revision: 6	Parent: 6TF035		Season: AW 19-20	Full Business	/ Register Name: PADMA TEXTILES LTD	-	
Type:	Size Chart Review: Size Chart Review	Parent Name: NG COVER LE	OPARD	Brand Code: SPFM	Parent Patron	1456490		1
	State Modified Date: 05/03/2019, 3:50 PM	Collection: LICENCIAS		Received: V	Bought V			1
		Sample Deadline:						
					Revision Mod	lified: 05/03/2019, 3:55 PM		
ACCESORIES	HIGHT DEFINITION PHOTOGRAPHIC PRINT	LABELING	WIDT	T MAIN LABEL TH: 5,5 CM. IS OK OR IS OK				
	-PRINT POSITION FROM HSP:			TION: 2CM. NOT OK.				
	16 CM. IT IS OK.			OSITION 1 CM FROM ER SEAM.	BACK			
	-WIDTH: 27.5 CM. IS OK ON PP	FITTING	-PLEA	ASE BE CAREFUL WI	TH FRONT			
	SAMPLE		NECK	DROP ON PRODUC	TION.			
	-TECHNIQUE IS OK		MEAS	ASE MAKE SURE ALL SUREMENTS ARE RE				
	COLOR: ON PRINT STRIKE OFF		PROL	DUCTION				
	REQUESTED							
	-PHOTOGRAPHIC PRINT STRIKE							
	OFF DATED ON (01/03/2019) AND							
	RECEIVED TODAY IS OK OPTION 1. PLEASE FOLLOW OF THE SAME							
	WAY ON PRODUCTION.							
	WIDTH :26.5 CM. NOT OK. PLEAS							
	FOLLOW WIDTH ON 27.5 CM AS IN	I.						
	PP SAMPLE							
	HANDFEEL; IS OK.							





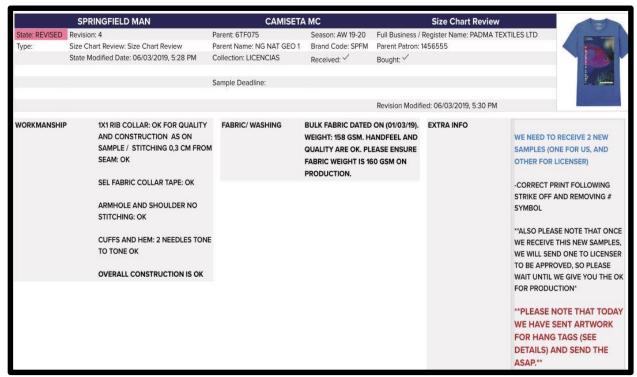




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ype;	Size Chart Review: Size Chart Review State Modified Date: 19/02/2019. 2:36 PM		nt Name: ction: LIC	NG COVER L			Parent Patron: 1456504 Bought: ✓
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		Samp	ole Deadl	ine:			
							Revision Modified: 19/02/2019, 3:51 PM
leasi	urements						
				1			
Code	Measurement		Siz	L e Chart Revi	ew	Amend To B	e Review Comment
				size I-L			
		Target	Actual	Difference	Final Required		
2	SHOULDER	47.00	47.50	0.50	47.00	-0.5	PLEASE RESPECT MEASURE
1	LENGHT FROM HSP	75.00	75.00	0.00	75.00	0	
8	BACK NECK DROP	1.50	2.00	0.50	1.50	-0.5	PLEASE RESPECT MEASURE
96	CUFF DEPTH*	2.00	2.00	0.00	2.00	0	
91	COLLAR DEPTH AT CB (seam to collar edge)	1.50	1.00	-0.50	1.50	0.5	PLEASE, ADJUST TO BE 1,5CM ON PRODUCTION
6	воттом width	55.00	54.50	-0.50	55.00	0.5	PLEASE RESPECT MEASURE
95	CUFF WIDTH AT BOTTOM	17.00	17.00	0.00	17.00	0	
5	HALF CHEST (ARMPIT TO ARMPIT)	56.00	55.50	-0.50	56.00	0.5	PLEASE RESPECT MEASURE
9	FROM NECK DROP SEAM TO SEAM	8.50	7.50	-1.00	8.50	1	PLEASE RESPECT MEASURE
7	NECK OPENING (seam to seam)*	19.00	18.70	-0.30	19.00	0.3	PLEASE RESPECT MEASURE
92	ARMHOLE STRAIGHT	24.00	24.00	0.00	24.00	0	
94	SLEEVE LENGHT	21.00	21.50	0.50	21.00	-0.5	PLEASE RESPECT MEASURE
93	BICEP	22.00	21.50	-0.50	22.00	0.5	PLEASE RESPECT MEASURE
3	CROSS FRONT LINE, 15CM FROM HSP	41.00	41.30	0.30	41.00	-0.3	PLEASE RESPECT MEASURE



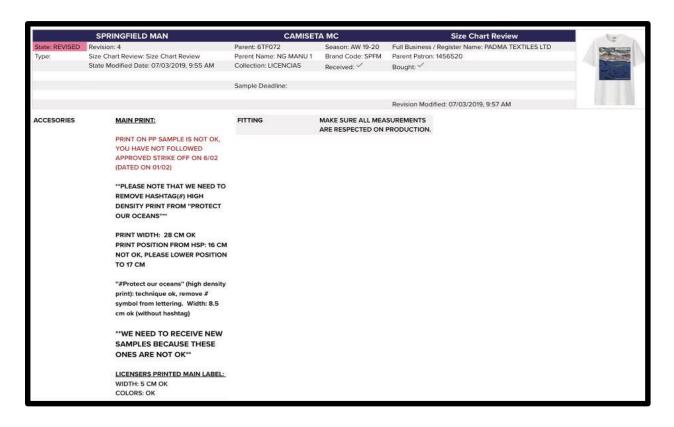






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		Sample Deadline:				F_18/18
				Revision Modifi	ied: 06/03/2019, 5:30 PM	
ACCESORIES	MAIN PRINT:	LABELING	PRINTED MAIN LABE			
			PLEASE RISE TO 1 CM			
	PRINT ON PP SAMPLE IS NOT OK, IT CRACKS A LOT, PLEASE FOLLOW		COLLAR TAPE SEAM			
	STRIKE OFF DATED ON 26/02		**REMEMBER THAT L	ABELLING		
	WHICH IS SO MUCH BETTER IN		MUST BE RECONSIDI			
	TERMS OF HANDFEEL AND					
	TECHNIQUE.		**PLEASE SEND ASAI	P NEW HANG		
			TAGS SENT BY ISABE	EL (SEE		
	PRINT WIDTH: 25 CM OK		DETAILS)			
	PRINT POSITION FROM HSP: 16.5	FITTING				
	CM NOT OK, PLEASE RISE					
	POSITION TO 16 CM					
	"#Protect our oceans" (high density					
	print): technique IS NOT OK, IS SO					
	MUCH THINNER COMPARED TO					
	THE REST OF THESE STYLES, ALSO					
	WHITE IS CONTAMINATED, PLEASE					
	ADJUST FOR NEXT SAMPLE,					
	remove # symbol from lettering.					
	Width: 9 CM OK (without hashtag)					
	LICENSERS PRINTED MAIN LABEL:					
	WIDTH: 5 CM OK					
	COLORS: OK					

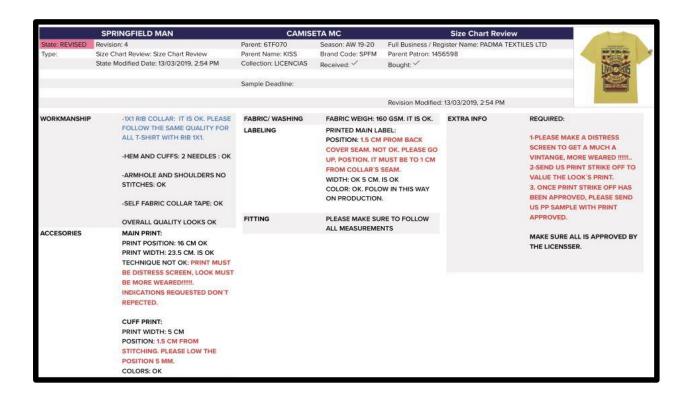




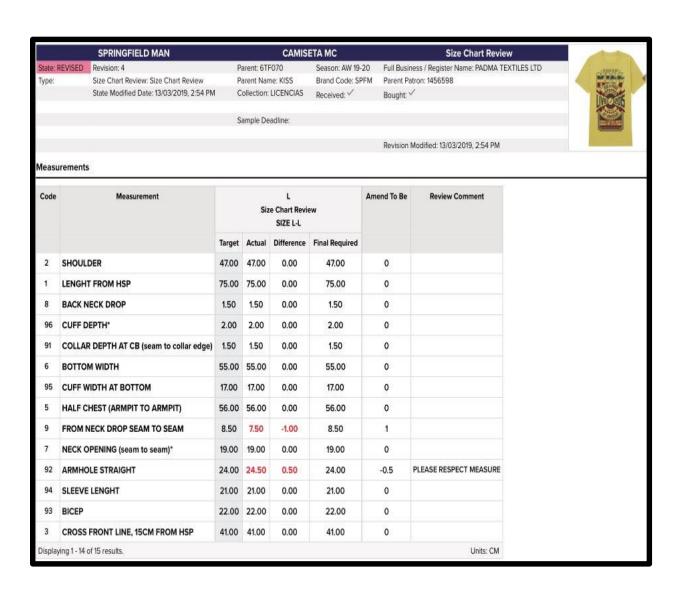
	SPRINGFIELD MAN			CAMIS	SETA MC		Size Chart Review
State: i Type:	REVISED Revision: 4 Size Chart Review: Size Chart Review State Modified Date: 07/03/2019, 9:55 AM	Р		F072 ne: NG MANU LICENCIAS	Season: AW 1 Brand Code Received: **	:SPFM Pa	Ill Business / Register Name: PADMA TEXTILES LTD trent Patron: 1456520 sught: 💛
		s	ample De	adline:			
Measu	rements					Re	evision Modified: 07/03/2019, 9:57 AM
Code	Measurement		Siz	L se Chart Revie	·w	Amend To E	Be Review Comment
		Target	Actual	Difference	Final Required		
2	SHOULDER	47.00	47.50	0.50	47.00	-0.5	PLEASE RESPECT MEASUREMENT!
1	LENGHT FROM HSP	75.00	75.00	0.00	75.00	0	
8	BACK NECK DROP	1.50	1.50	0.00	1.50	0	
96	CUFF DEPTH*	2.00	2.00	0.00	2.00	0	
91	COLLAR DEPTH AT CB (seam to collar edge)	1.50	1.50	0.00	1.50	0	
6	воттом width	55.00	55.00	0.00	55.00	0	
95	CUFF WIDTH AT BOTTOM	17.50	16.80	-0.70	17.50	0.7	PLEASE RESPECT MEASUREMENT!!!
5	HALF CHEST (ARMPIT TO ARMPIT)	56.00	56.00	0.00	56.00	0	
9	FROM NECK DROP SEAM TO SEAM	9.00	9.00	0.00	9.00	0	
7	NECK OPENING (seam to seam)*	19.00	19.00	0.00	19.00	0	
92	ARMHOLE STRAIGHT	24.00	24.00	0.00	24.00	0	
94	SLEEVE LENGHT	21.00	21.30	0.30	21.00	-0.3	
	BICEP	22.00	21.50	-0.50	22.00	0.5	PLEASE RESPECT MEASUREMENT!!!
93					42.00	0	



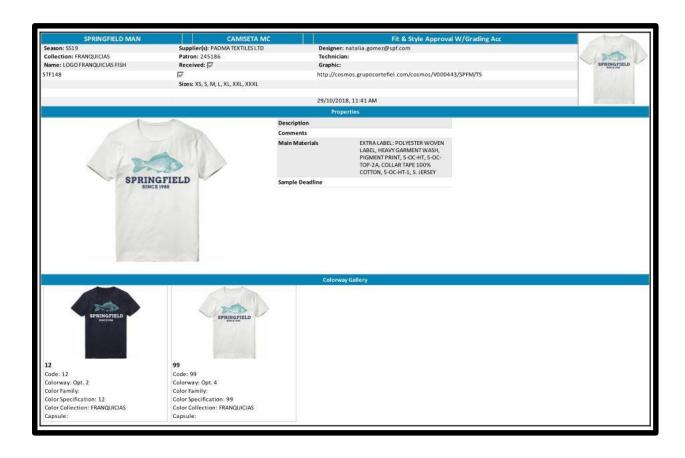


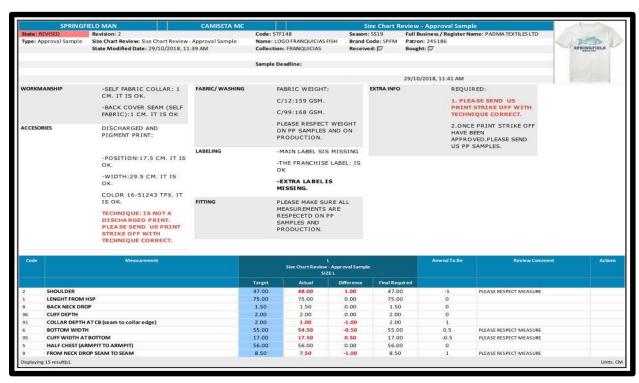




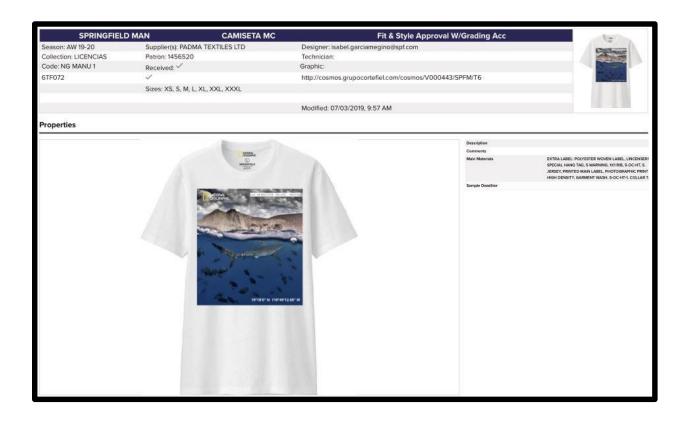








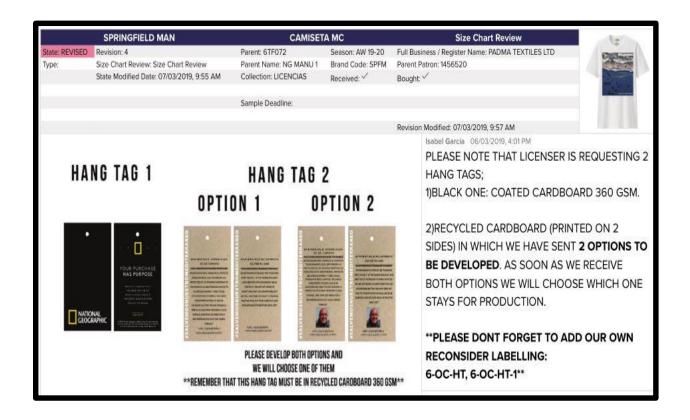




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				Revision Modif	fied: 07/03/2019, 9:57	AM	10 0	
WORKMANSHIP	1X1 RIB COLLAR: OK FOR QUALITY AND CONSTRUCTION AS ON SAMPLE / STITCHING 0,3 CM FROM SEAM: OK SEL FABRIC COLLAR TAPE: OK	FABRIC/ WASHING	"LAB DIP NEEDS TO AW19/20" SAMPLE H RECEIVED IN C/96, WE NEED TO RECEIV FABRIC"	IAS BEEN	EXTRA INFO		R LICENSER AND ARKETING) WITH: (GROUND C/99	
	ARMHOLE AND SHOULDER NO STITCHING: OK CUFFS AND HEM: 2 NEEDLES TONE TO TONE OK	LABELING	PRINTED MAIN LABEI PLEASE RISE TO 1 CM COLLAR TAPE SEAM "REMEMBER THAT L MUST BE RECONSIDE	I FROM		-CORRECT PRINT STRIKE OFF AND SYMBOL	PRINT FOLLOWING # AND REMOVING #	
	OVERALL CONSTRUCTION IS OK		MOST BE RECORDED			REQUESTE NEW THEY ARE OF NO NOT OK**	SAMPLES, BUT O USE IF THEY AR	
						WE RECEIVE THI WE WILL SEND O TO BE APPROVE	GIVE YOU THE OK	
						"PLEASE NOT WE HAVE SEN FOR HANG TA DETAILS) AND ASAP."	GS (SEE	



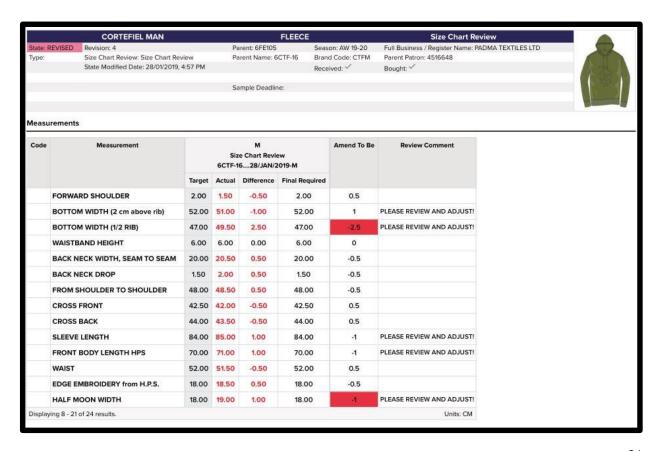






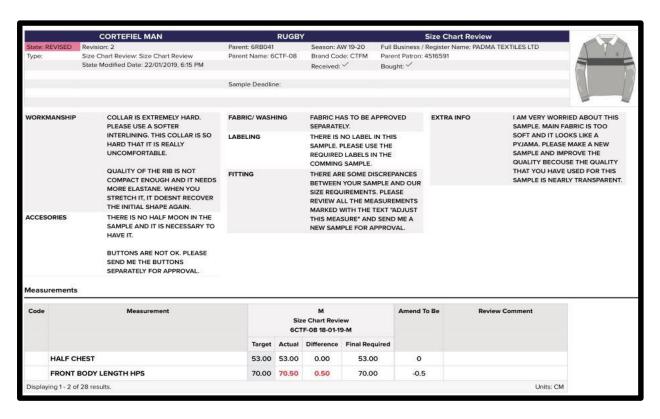
3.2.2 Specimen 10

	CORTEFIEL MAN			FLEECE				Size Chart Review			
State: R Type:	Revision: 4 Size Chart Review: Size Chart Review State Modified Date: 23/01/2019, 1:45 PM			Parent: 6FE104 Season: AW 19-20 Full Business / I Parent Name: 6CTF-15 Brand Code: CTFM Parent Patron: 4 Received: ✓ Bought: ✓			Parent Patro	s / Register Name: PADMA TEXTILES LTD in: 4516621			
			Sampl	le Deadlin	ie:						
WORKM	MANSHIP	CHEST LOGO VOLUME HAS TO BE	FABRIC/ WASHING FABRIC AND COLOR AP				FITTING	THERE ARE SOME DISCREPANCES			
IMPROVED. THERE ARE A LOT OF IRREGULARITIES. PLEASE IMPROVI IT. MISSING HALF MOON. PLEASE, ADD.		HAS TO BE GIVEN! E LABELING PLEASE PUT A HAN GARMENT AND LO WOVEN LABEL AT: THE LINE OF THE C				INDLOOM IN THE DCATE THE 2,5CM FROM		BETWEEN YOUR SAMPLE AND OUR SIZE REQUIREMENTS. PLEASE IMPROVE ALL THE MEASUREMENTS MARKED WITH THE TEXT " ADJUST THIS MEASURE" AND SEND ME A NEW SAMPLE FOR APPROVAL.			
ACCESO	ACCESORIES RUBBER LABEL HAS TO BE ALL IN NAVY. PLEASE SEE THE NEW LOCATION IN THE SIZE REQUIREMENTS.							EXTRA INFO	IT IS NECESARY TO CHANGE ALSO THE MEASUREMENTS OF THE RIB NOT ONLY IN THE CUFFS BUT ALSO IN THE BOTTOM.		
Measur Code	rements	Measurement		100000	M e Chart Revi	753	Amend To Be	Review Comm	ent		
	rements	2	Target	6C1	e Chart Revi	753	Amend To Be	Review Comm	ent		
Code		Measurement		6C1	F-15 22-01-1	9-M Final Required		Review Comm	ent		
Code	HALF CE	Measurement HEST	54.00	Actual 54.00	e Chart Revie F-15 22-01-1 Difference 0.00	9-M Final Required 54.00	o	Review Comm	ent		
Code	HALF CH	Measurement	54.00 27.00	6C1 Actual 54.00 27.00	Difference 0.00 0.00	9-M Final Required 54.00 27.00	0	Review Comm	ent		
Code	HALF CH ARMOLE BICEP	Measurement HEST E STRAIGHT	54.00 27.00 19.00	6C1 Actual 54.00 27.00 19.50	Difference 0.00 0.50	9-M Final Required 54.00 27.00 19.00	0 0 -0.5	Review Comm	ent		
Code	HALF CI ARMOLE BICEP 1/2 CUFI	Measurement HEST E STRAIGHT	54.00 27.00 19.00 10.00	6C1 Actual 54.00 27.00 19.50 10.20	Difference 0.00 0.50 0.20	9-M Final Required 54.00 27.00 19.00	0 0 -0.5 -0.2				
	HALF CI ARMOLE BICEP 1/2 CUFF CUFF HI	Measurement HEST E STRAIGHT	54.00 27.00 19.00	6C1 Actual 54.00 27.00 19.50	Difference 0.00 0.50	9-M Final Required 54.00 27.00 19.00	0 0 -0.5	Review Comm CHANGED MEASURE. PLE ADJUST THIS MEASURE			





3.2.2 Specimen 11



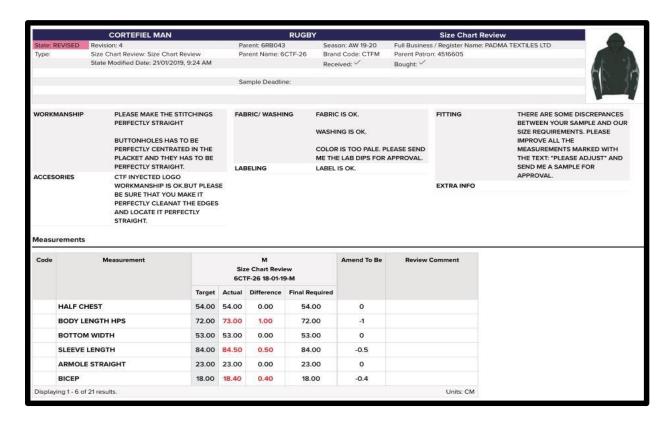
CORTEFIEL MAN			RUGB	Y		Size Chart Review		
tate: REVISEI ype:	Revision: 2 Size Chart Review: Size Chart Review State Modified Date: 22/01/2019, 6:15 PM	Parent: 6RB041 Parent Name: 6		Brand Code: CTFM Pare		And the second s	Business / Register Name: PADMA TEXTILES LTD ent Patron: 4516591 ght: ✓	
		Sample Deadlin	ie:					
leasuremer	nts							
Code	Measurement			M te Chart Revi		Amend To Be	Review Comment	
		Target	Actual	Difference	Final Required			
BACK	BODY LENGTH HPS	72.00	72.50	0.50	72.00	-0.5		
ARMO	OLE STRAIGHT	23.00	23.00	0.00	23.00	0		
BICE	•	18.00	18.60	0.60	18.00	-0.6	ADJUST THIS MEASURE	
1/2 C	UFF WIDTH	9.00	9.50	0.50	9.00	-0.5		
CUFF	HEIGHT	5.00	5.00	0.00	5.00	0		
FORE	ARM FROM 22CM TO HEM CUFF	15.00	13.90	-1.10	15.00	1.1	ADJUST THIS MEASURE	
FRON	IT NECK DROP from H.P.S.	9.50	9.00	-0.50	9.50	0.5		
PLAC	KET WIDTH	4.00	4.00	0.00	4.00	0		
PLAC	KET LENGHT	14.00	14.30	0.30	14.00	-0.3		
COLL	AR SPREAD	10.00	10.00	0.00	10.00	0		
COLL	AR POINT	6.50	6.00	-0.50	6.50	0.5		
COLL	AR BAND HEIGHT	2.50	2.50	0.00	2.50	0		
BACK	COLLAR HEIGHT	4.50	4.50	0.00	4.50	0		
	OM WIDTH	E0.00	53.00	1.00	52.00	-1	ADJUST THIS MEASURE	



	CORTEFIEL MAN		RUGBY				Size Chart Review		
State: REVISED Type:	Maria (1777)	nt: 6RB041 nt:Name: 6		Season: A Brand Coo	de: CTFM Par	Full Business / Register Name: PADMA TEXTILES LTD Parent Patron: 4516591			
		Received; ✓ Sample Deadline:			· Bot	Bought: V			
Measurement Code	Measurement		55%	м	v	Amend To Be	Review Comment		
			Size Chart Review 6CTF-08 18-01-19-M						
				Difference	Final Required				
CROSS	SVENT	4.00	4.00	0.00	4.00	0			
BACK	BACK NECK WIDTH, SEAM TO SEAM			-1.00	18.00	1	ADJUST THIS MEASURE		
FROM	OM SHOULDER TO SHOULDER		45.30	0.30	45.00	-0.3			
CROSS	OSS FRONT		41.00	0.00	41.00	0			
CROSS	SS BACK		42.50	-0.50	43.00	0.5			
SLEEVI	SLEEVE LENGTH		85.00	0.00	85.00	0			
NECK (OPENING(mid Btn to mid Btnhole)	41.00	41.60	0.60	41.00	-0.6			
ЕМВ ро	osition (from HPS to edge of emb)	20.00	21.00	1.00	20.00	-1	ADJUST THIS MEASURE		
ЕМВ ро	osition (from edge of plkt to edge of emb)	5.50	7.50	2.00	7.00	-0.5	MEASURE CHANGED. PLEASE, ADJUST		
HALF N	MOON WIDTH	17.00	0.00	-17.00	17.00	17			
HALF N	MOON HEIGHT	9.50	0.00	-9.50	9.50	9.5			



3.2.2 Specimen 12



	CORTEFIEL MAN				RUGBY		Size Char	Size Chart Review		
	REVISED Revision: 4					son: AW 19-20	Full Business / Register Nan	ne: PAE		
Гуре:	Size Chart Review: Size Chart Revi State Modified Date: 21/01/2019, 9		Pa	arent Name: 6		nd Code: CTFM eived:	Parent Patron: 4516605 Bought: ✓			
	State Modified Date. 210 v2013, 3.	24 /4/11			Rec	eived: *	Bought: *			
			Sa	ample Deadlin	ne:					
1 easi	rements									
Code	Measurement			M re Chart Revi		Amend To Be	Review Comment			
		Target	Actual	Difference	Final Required	d				
	CUFF WIDTH	12.00	12.00	0.00	12.00	0				
	FOREARM FROM 22CM TO HEM CUFF	14.50	14.50	0.00	14.50	0				
	FRONT NECK DROP from H.P.S.	10.50	10.00	-0.50	10.50	0.5				
	BACK NECK WIDTH, SEAM TO SEAM	20.00	21.00	1.00	19.00	-2	PLEASE, CHANGE & ADJUST			
	BACK NECK DROP	2.00	1.40	-0.60	1.50	0.1	MEASURE CHANGED			
	FROM SHOULDER TO SHOULDER	44.00	44.50	0.50	44.00	-0.5				
	CROSS FRONT	39.00	40.00	1.00	39.00	-1				
	CROSS BACK	41.00	41.50	0.50	41.00	-0.5				
	HOOD WIDTH	26.00	25.00	-1.00	26.00	1	PLEASE, ADJUST			
	HOOD LENGTH	37.00	37.00	0.00	37.00	0				
	CENTER EMBROIDERY from H.P.S.	20.00	21.50	1.50	20.00	-1.5	PLEASE, ADJUST			
	CENTER EMBROIDERY from center	10.00	12.00	2.00	10.00	-2	PLEASE, ADJUST			
	PLACKET LENGHT	14.50	14.30	-0.20	14.50	0.2				
	PLACKET WIDTH	3.00	3.00	0.00	3.00	0				



CHAPTER_04 RESULTS & ARGUMENTS



4.0. Results & Arguments

4.1. Each Amount of Research Detail Analysis _

Num berin	Buyers Name	Faults										
g.		Measure ment Problem	Shade Variation & Dyeing Problem	Sewin g Proble m	Print Proble m	Fitting Proble m	Access ories Proble m	Fabric Constri ction Proble	Work man ship Proble			
								m	m			
		F	F	F			F		F			
		_										
		F	F				F	F	F			
	SPRING FIELD	F				F			F			
01		F			F		F					
		F			F		F					
		F			F		F					
		F										
		F			F							
	EL	F				F			F			
02	CORTEFIEL	F										
	COI	F				F	F		F			



Total Defects	12	2	1	4	3	7	1	5
Percentage	34.29%	5.71%	2.85%	11.43%	8.75%	20%	2.85%	14.29
								%
%								

Table 4.1

4.2 Calculation

Percentage of fault/problem = (No. of fault/problem \times 100) \div Total No. of Fault



4.3. Neglect for the Sample Failure

Serial No.	Neglect	No. of Sample Failure
01	Measurement Problem	12
02	Shade Variation & Dyeing Problem	2
03	Sewing Problem	1
04	Print Problem	4
05	Fitting Problem	3
06	Accessories Problem	7
07	Fabric Constriction Problem	1
08	Workman ship Problem	5
	Total	35



4.4. Graphical Perspective on Sample Failure Information

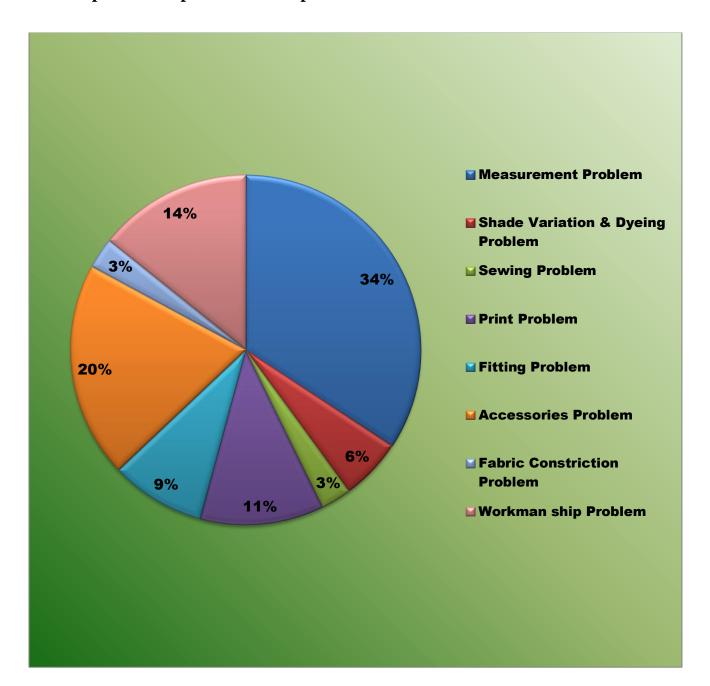


Fig. 4.1.



4.5.1. Measurement Problem (34.29%)



Fig. 4.2. Measurement Problem

Causes:

- Bad length strength
- Insufficient material modification
- Wrong joining

- Proper calculation scan
- Scanning all part properly



4.5.2. Shade Variation & Dyeing Problem (5.71%)

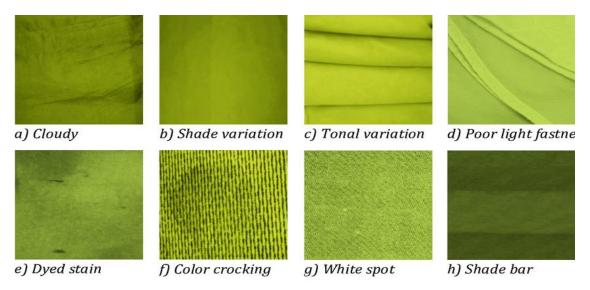


Fig. 4.3

Causes:

- Chemical application in verities doses
- Not apply color at a proportional rate
- Inefficiency of work
- Time varies

- Apply the right amount of chemical
- The right amount of color needs to be applied
- It is much valuable to keep the cycle time right



4.5.3. Stitch Problem (2.85%)

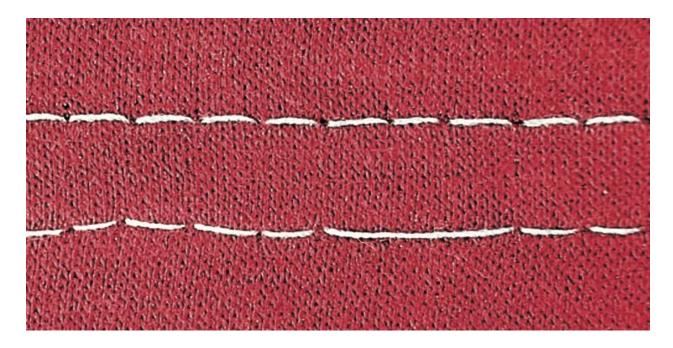


Fig. 4.4.

Slipped stitch: Lack on interlacing/interloping threads from up to down

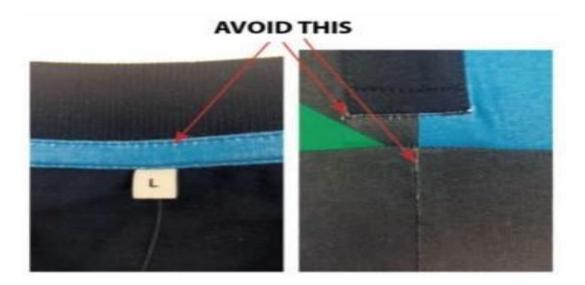
Causes:

- ✓ Towards uneven stress thread
- ✓ Towards the turning of needle
- ✓ Short for needle string

- ✓ Appropriate needle positioning and looper positioning or hook placement
- ✓ Protection of correct stress
- ✓ Can be adjusted to needle



Needle mark:



Causes:

- ✓ Twisted or bent needle hooks
- ✓ Heavily running needle
- ✓ Damage needle hooks
- ✓ Damage another parts of sewing machine

- Count must always be consistent with the gauge of the sewing machine
- Must be right size of stitch
- Have to check if all the part of sewing machine



4.5.4. Print Problem (11.43%)

Printing Defects:

Stains:

✓ There are a number of factors which can cause the stains or oil stain on the fabric. The printer can over-empowered by his shading or folders can suffer a java catastrophe or milk can lack a little machine oil during the sewing process.



Scrimps:

If the cloth is wrinkled under the screen during printing, do not print on the wrinkled area.

Scrimps

 A scrimp defect occurs when the fabric creases underneath one of the screens during the printing process. The pattern is then printed on top of the crease, leaving a large unprinted area when the fabric returns to its relaxed state.



Misprint print:

- Print does not fit according to the size
- Color & shape draft just did not fit
- There are some blank spaces on the fabric where print is not read



Misprint or absence of print

- A misprint can be one or more of the following
 - The printing is not per as required the required design.
 - The outlines and the colors in the design are not remain at its proper place.
 - A bare place without any printing.



4.5.5. Fitting Problem (8.75%)



Fig. 4.6.

Causes:

- If there is a problem when measuring
- If you are not careful while cutting
- If you miss any layout process
- Imperfect seam line

- Make size the size is always right
- Be careful when cutting
- Process layout needs to be well monitored
- Care should be taken so that there are no defect in sewing



4.5.6 Accessories Problem (20%)



Fig. 4.7.

Causes:

- Not being careful when attaching accessories to garments
- Buttons grow smaller
- Labels are not in place

- Be careful when attaching accessories garments
- Button fitted evenly
- Attaching labels in the right place



4.5.7. Fabric Constriction Problem (2.85%)

Causes:

- GSM is not perfect
- If there is a noodle mark on the fabric surface
- Tension of the yarn is not right

Remedies:

- Keep GSM always all right
- Do the fabric inspection appropriately
- Tension of the yarn is always right

4.5.8. Workmanship problem (14.29%)

Causes:

- Being careless in finishing process
- Not being able to deliver the goods on schedule
- Lack of supervision in work

Cures of workmanship issue:

- Be much careful in finishing process works
- Timely goods delivery
- Strictly monitor the layout of finishing process



CHAPTER_05 CONCLUSION



5.1 Conclusion

Specimen is a segment garments production first stage. All things depends on formation of specimen. For mass production high quality specimen require high quality design, appearance, good trader who create all spread. I contract with specimen with client. Evaluation is sizeable matter. Various industry make various specimen for different purpose for clients. If there is a fault for produce this, the industry loss their valuable time & money. They also loss their reputation. We work 2 world class client specimen in this specimen we review 12 sample report we detect 15 fault & we will try to solve this.

Now I will try our best for good quality specimen. I hope will be get more client in future & they will be very satisfied for our product quality.



5.2. References

Specimen attached__ PADMA TEXTILES LIMITED

- ✓ https://textilelearner.blogspot.com/
- ✓ https://www.textileschool.com/
- ✓ https://www.onlineclothingstudy.com/
- ✓ https://www.xerox.com/



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