



**Daffodil**  
*International*  
**University**

Faculty of Engineering

Department of Textile Engineering

***REPORT ON***

“Study on Different Types of Sewing Faults and Their Remedies in Knit Garment Production”

**Course Title: Project (Thesis)**

**Course Code: TE 4214**

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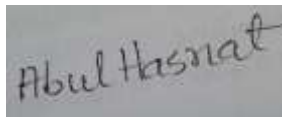
The Report presented in Partial Fulfillment of the requirements for the degree  
of **Bachelor of Science in Textile Engineering**

Advance in Apparel Manufacturing Technology

# DECLARATION

We hereby declare that the work which is being presented in this thesis entitled, “Study on Study on Different Types of Sewing Faults and Their Remedies” is original work of us, has not been presented for a degree of any other university and all the resource of materials uses for this thesis have been duly acknowledged.

## Submitted By:



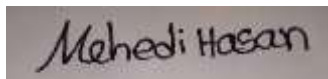
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### Approval Sheet

This research entitled “Study on Different Types of Sewing Faults and Their Remedies in Knit Garment Production” ‘at Daffodil International University, April 2019’ prepared and submitted by **Abul Hasnat (ID:162-23-4758) & Mehedi Hasan (ID:162-23-4731)** in partial fulfillment of the requirement for the degree of BACHELOR OF SCIENCE IN TEXTILE ENGINEERING has been examined and hereby recommended for approval and acceptance.



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## “ACKNOWLEDGEMENT”

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# Dedication

We dedicate this report to our **Parents** who give us chance to study in Textile Engineering and support us all time.

## **Abstract**

Sewing process is one of the most important stages in garments production. During production in sewing process can be create some faults or defects, that can be causes low quality of the garments item. Some faults are recoverable and some cannot recoverable. Sewing faults can be causes of lower price of products, which not economical friendly for the garments industries. We investigated and observe a knit garment industries few days for sewing faults, which are commonly occurring during production operation process by worker. In our investigation we found some faults like Oil Sport 13.9%, Label Problem 10.8%, Drop Stich 10.2%, Dirty 9.2%, Cutting Stitch 8.9%, Open Seam 8.1%, Neck Problem 5.6%, and sewing faults at Islam Garments Ltd. Finally we found total 5.09% garments are defective causes of sewing problem calculation for industries. The main aim of this study is to investigate whether the knitwear production process is under control in a knitwear production enterprise and to detect the process with highest rate of sewing faults in sewing process and finally to make suggestion for improving the quality control.

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## CHAPTER -1: Introduction

## 1.1 Background of the study:

The readymade garment is totally incomplete without sewing process. But sometimes there are different difficulties and the result is sewing defects. It is because of lack of proper skill, machine disturbance and improper machine adjustment. Due to these obscurities fault occurred and effects quality, productivity, expense and also efficiency. So Quality standards are part of a firm standard operating procedure, product development and production planning. Standards reflect the overall intrinsic quality level the firm seeks to achieve. The fundamental purpose of using quality standard is to provide consistency between products and products line. Because of maintaining standard or quality of product it is mandatory to detect the fault and find out the best solution to diminish the error. Among the process control list, product control chart were used in the study. Rapid detection of a sewing defect is significant to optimization of the relationship between quality and productivity. Defects found after sewing negatively affect costs of the product. There is different plus to identifying an imperfection before other operations hinder seam removal and re sewing. This observation is based upon the current system in which the operator serves as the first line of quality control implementation. And other sewing stations have no operator to serve in the first line quality control position. Then finally assessment procedure of defect was done and find out the best suggestion.

## 1.2 Objectives of the Sewing Study:

- ❖ To know about sewing.
- ❖ To know about sewing faults and their remedies.
- ❖ To identify the sewing faults and solve.
- ❖ To solve the sewing faults.
- ❖ To improve the sewing fault
- ❖ To reduce the sewing faults.
- ❖ To know about technical solution of the sewing faults.



### **1.3 Important and Scope of the study:**

To analyze the types of faults in sewing section.

- ❖ To play an important role in increase or decrease production.
- ❖ To easily calculate per hour faults in a line.
- ❖ To reduce sewing fault during production.
- ❖ It gives knowledge why sewing fault increase or decrease.
- ❖ Avoid defects on garments and save time.

### **1.4 Limitations of the study:**

- ❖ Limitation of time to research this topic.
- ❖ Limitation of primary data sources.
- ❖ Limitation of accurate data.
- ❖ Input and output problem.
- ❖ Changing the style and arrangement.

## **CHAPTER -2: LITERATURE REVIEW**

## 2.1 Sewing

Many kinds of sewing faults in the sewing section of garments industry. Sewing sector is the very necessary division of garments manufacturing. Maximum faults are grow here which hamper the total quality of apparel. Which are explained in this article with their causes and remedies.



Fig 2.1: Sewing Section

## 2.2 History of Sewing & Sewing Machine:

The first British patent for a mechanical device to aid the art of sewing, in 1755. His invention consisted of a double pointed needle with an eye at one end.

In 1790, the English inventor Thomas Saint invented the first sewing machine design, but he did not successfully advertise or market his invention.



Fig2.2: First Sewing machine by Thomas Saint

In 1804, a sewing machine was built by the Englishmen Thomas Stone and James Henderson, and a machine for embroidering was constructed by John Duncan in Scotland. In 1807 An Austrian tailor Josef Madersperger began developing his first sewing machine. In 1814 he presented his first working machine. The first practical and widely used sewing machine was invented by Barthelme Thimonnier. In 1829 His machine sewed straight seams using chain stitch like Saint's model. In 1830 he signed a contract with Augusta Ferried drawings and submitted a patent application. On 17 July 1830 and in the same year, he opened the first machine manufacturing company in the world to create army uniforms for the France army. In 1832 The first American lockstitch sewing machine was invented by Walter Hunt In 1842, John Greenough patented the first sewing machine John Fisher in 1844 for the processing of lace materials. His machine was substantially similar to the devices built by Isaac Merritt Singer and Elias Howe in the following years

### 2.3 Types of sewing machine:

- Mechanical Sewing Machines
- Electronic Sewing Machines
- Computerized Sewing Machines



Fig2.3: Mechanical Sewing Machine



Fig2.4: Electronic Sewing Machine



Fig 2.5: Computerized Sewing Machine

There are various types of Industrial sewing machines named by:

- ❖ Double chain stitch m/c (4- needle short)
- ❖ Double chain stitch m/c (4- needle elastic inserting m/c)
- ❖ Double chain stitch m/c (double needle with reserve feed)
- ❖ Feed of the arm (double chain stitch m/c, 3-needle)
- ❖ Interlock m/c (twin needle, 5-thread over lock m/c)
- ❖ Lock stitch m/c (single needle with variable top feed with automatic thread trimmer)
- ❖ Lock stitch m/c (single needle with automatic thread trimmer)
- ❖ Lock stitch m/c (single needle sewing m/c)
- ❖ Lock stitch m/c (2-needle with spilt needle bar sewing)

- ❖ Lock stitch m/c (twin needle feed)
- ❖ Lock stitch m/c (1-needle with vertical trimmer wiper & reverse feed)
- ❖ Lap seaming m/c ((for back tape attaching)
- ❖ Linking m/c
- ❖ Over lock m/c (twin needle, 4-thread m/c)
- ❖ Over lock m/c (1-needle, 3-thread)
- ❖ Zigzag sewing m/c (1-needle)
- ❖ Top & bottom cover stitch flat bed m/c (3-needle)
- ❖ 3-needle covering m/c, 5-thread flat bed top & bottom covering m/c
- ❖ Button hole m/c (for woven fabric)
- ❖ Button sewing m/c
- ❖ Bartech m/c (with automatic thread trimmer)
- ❖ Button hole sewing m/c (for knit fabric)
- ❖ Button covering stitch belt loop making m/c (kansai m/c)
- ❖ Bias tape cutting m/c
- ❖ Label sewing m/c

## **2.4 Quality:**

Quality may be defined as the level of acceptance of a goods or services. For the textile and apparel industry, product quality is calculated in terms of quality and standard of fibers, yarns, fabric construction, color fastness, designs and the final finished garments.

## **2.5 Importance of Quality:**

Quality is critical to satisfying your customers and retaining their loyalty so they continue to buy from you in the future. Quality products make an important contribution to long-term revenue and profitability. They also enable you to charge and maintain higher prices

## **2.6 Quality Control**

In the apparel industry quality control is practiced right from the initial stage of sourcing raw materials to the stage of final finished garment. Quality control in garment industry is very complex and lengthy task. There are several stages to control quality in garment manufacturing.

They are given below:

1. Pre-production quality control
2. Quality control during production

3. Final inspection
4. Quality control to developing a sampling plan
5. Post-production quality evaluation

## 2.7 Objective of Quality Control

- ❖ To reduce per unit cost of a product
- ❖ To utilize the raw materials, men, machines
- ❖ To gain customer satisfaction by reducing faults.

## 2.8 Acceptable Quality Level (AQL):

AQL is one of the most repeatedly used terms when it comes to quality in the garments export industry. As most of the acknowledgment decisions of the apparel shipments for the export market are made on the basis of AQL. AQL means admissible Quality Level. In any business process, before accepting the finished goods from the manufacturer buyer do inspection of goods. It is so much important in export garment sector. Foreign buyers are so much concerned about product quality. They give AQL on the product to the manufacturer. Buyers do inspection of goods as randomly process. If AQL pass that means goods are in acceptable quality level he gives certificate to ship the goods. The AQL level varies process to process, product to product and even buyer to buyer. In the following table a sampling plan is given for final shipment inspection. Acceptance Quality Level (AQL) refers to the maximum number of defective items that could be considered accepted during the random sampling of and inspection. The defects that are found during inspection are classified into 3 categories:

1. Critical: Must be 100% accurate. There is no range.
2. Major: Normally 2.5% Lot size or quantity Audited
3. Minor: Normally 4% Acceptable quality level (AQL) Level

Footwear Industry standard final inspection level sampling plan ( Normal)								
Lot size or quantity Audited	1.5		2.5		4		6.5	
	Inspect	Accept	Inspect	Accept	Inspect	Accept	Inspect	Accept
	Less than 150	20	1	20	1	20	2	20
151-280	32	1	32	2	32	3	32	5
281-500	50	2	50	3	50	5	50	7

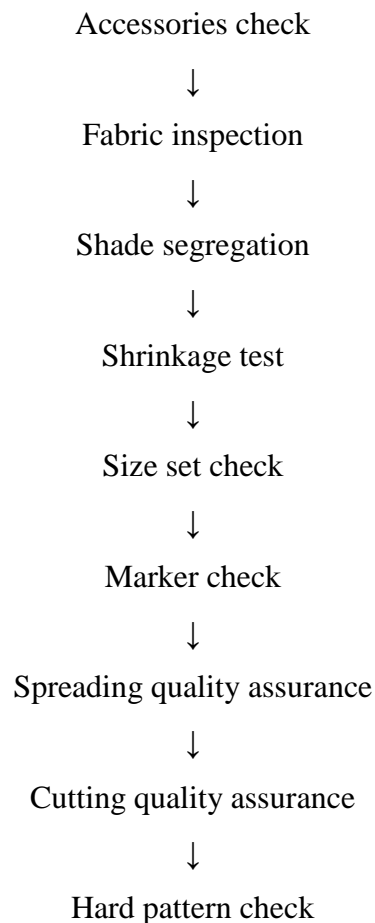
501-1200	80	3	80	5	80	7	80	10
1201-3200	125	5	125	7	125	10	125	14
3201-10000	200	7	200	10	200	14	200	21
10001-35000	315	10	315	14	315	21	315	21
35001-150000	500	14	500	21	500	21	500	21
150001-500000	800	21	800	21	800	21	800	21
500001& Over	1250	21	1250	21	1250	21	1250	21

## 2.8 Acceptable Quality Level (AQL) Chart

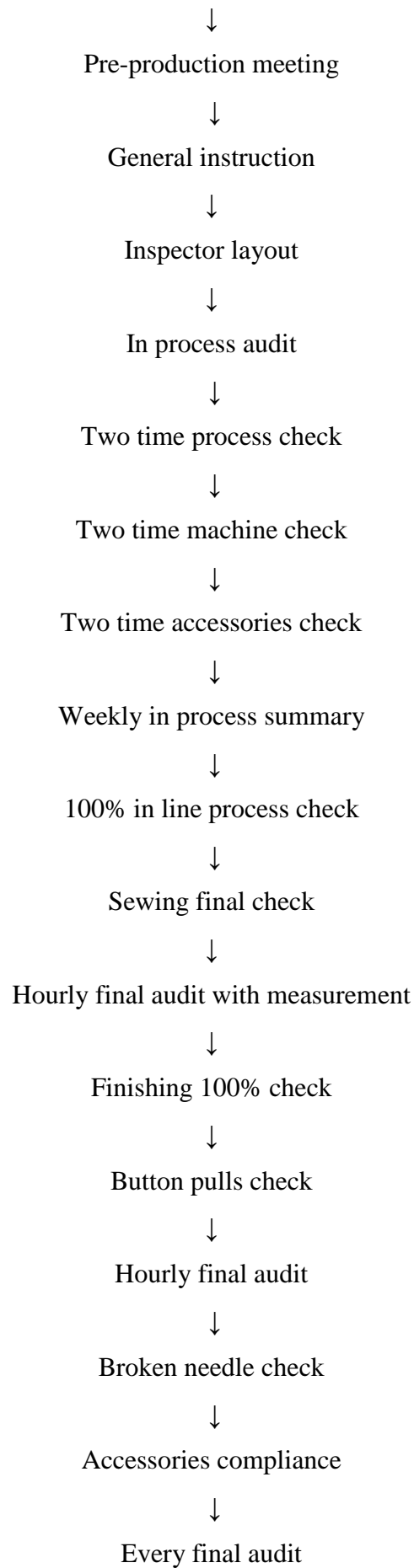
## 2.9 Quality Assurance

Quality affirmation (QA) is a method for anticipating mix-ups or deserts in made items and dodging issues while conveying arrangements or administrations to clients; which ISO 9000 characterizes as "a major aspect of value the board concentrated on giving certainty that quality prerequisites will be satisfied".

### 2.1.1 Process Flow Chart of Quality Assurance Department

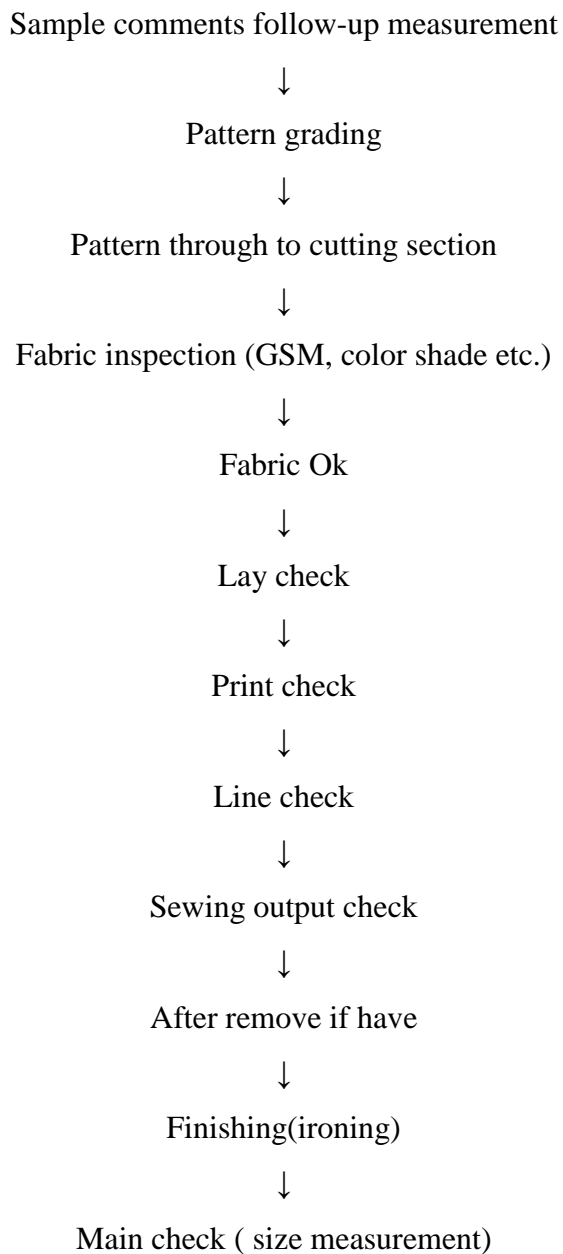


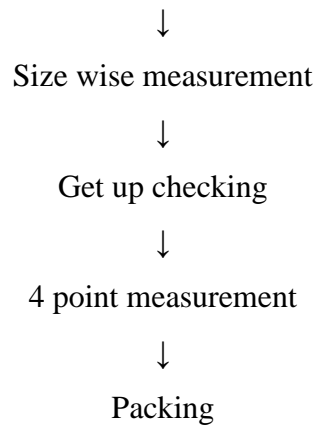






## 2.1.2 Working Sequence of Quality Section





### **2.1.3 Defects in Apparel:**

Apparel manufacturing is the last stage of manufacturing before marketing. The entire consumer wants to get a product which is free of any types of defect. For this reason manufacturer be aware about defect of product. In this every stage of manufacturing various types of mistakes can be occurred. Defect of apparel can be described as the absence of desired features in the product or unwanted feature in products. Defective product is not desired to any man. Defectives products lose its cost in the market. a product may contain different defects. Another terms near to defect is called reject. A product becomes a reject when it loses its stability in the market. Rejection of garments is hazardous for the manufacturers. A single defect in the most visible area of a garment might also make it reject.

### **2.1.4 Types of defects:**

There are two main types of defects:

1. Non-Sewing defects.
2. Sewing defects.

### **2.1.5 Non-sewing defects:**

- Wrong pattern.
- Wrong cutting.
- Poor handling of goods.
- Oil marks.
- Defects to wrong ironing, folding, and packing.

## 2.1.6 Sewing defects

Sewing defect can be classified as three groups:

1. Problem of stitch formation.
2. Seam pucker.
3. Fabric damage along the seam line or stitch.

## 2.1.7 Problems of stitch formation:

- Drop Stitch
- Cutting Stitch.
- Dirty
- Oil Sport
- Needle Hole
- Button Problem
- Label Problem
- Placket Problem
- Neck Problem
- Loose Tension
- Uneven Sleeve
- Open Seam
- Pocket Joint
- Shedding
- Embroidery
- Print Problem
- Knitting Problem
- Freon Yarn

## CHAPTER-3: METHODOLOGY

### 3.0. Data Collection:

We have collected secondary data from Islam Garments Ltd. We have collected total 30 quality report of 15 days

#### Attachment of End Line Inspection Report:

### 3.1 End Line Inspection Report- 01

#### Sewing Line M-13 In Islam Garments Ltd:



Figure No 3.1: End Line Inspection Report- 01

#### Islam Group:

#### Daily End-Line Inspection Report

Line: M-13				Inspector Name: Shipon				Date:10.02.19			
				Style: 2054082				Item Name: T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total

QC Pass	110	120	130	130	120	120	130	110	110	120	1200
Drop Stitch	1	-	2	-	1	-	2	-	-	1	7
Cutting Stitch	-	1	-	-	-	-	1	-	-	1	3
Dirty	-	-	-	1	-	-	-	-	1	-	2
Oil Sport	1	2	2	3	2	2	1	1	2	2	18
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	-	1	-	-	1	1	-	1	-	-	4
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	1	1	-	2	1	-	2	-	1	-	8
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	-	1	-	-	1	-	-	-	1	3
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print	-	-	-	-	-	-	-	-	-	-	-

Problem											
Knitting Problem	-	-	-	-	-	-	-	-	-	-	-
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	-	2	-	-	1	-	1	-	-	1	5
Others	2	1	2	1	1	2	1	2	1	2	15
Total	5	8	7	7	7	6	8	4	5	8	65

**Table 3.1: End Line Inspection Report- 01**

**Sewing Line L-12 In Islam Garments Ltd:**

১০০% ইকসি গার্মেন্টস পরিশোধন সমীক্ষা  
 পরিচালক / পরিচালিকা  
 তারিখ: 20/02/2022

সেইংিং লাইন: ১২

ক্র. নং	বস্তুর নাম	ইউনিট	সর্বমোট	পরিচালক	পরিচালিকা	ইউনিট	অন্যান্য	মোট	কমি	অন্যান্য	মোট	কমি
১	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৬	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৭	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৮	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৯	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১০	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১১	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১২	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১৩	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১৪	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১৫	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১৬	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১৭	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১৮	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
১৯	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২০	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২১	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২২	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২৩	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২৪	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২৫	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২৬	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২৭	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২৮	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
২৯	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩০	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩১	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩২	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩৩	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩৪	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩৫	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩৬	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩৭	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩৮	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৩৯	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪০	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪১	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪২	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪৩	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪৪	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪৫	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪৬	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪৭	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪৮	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৪৯	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫০	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫১	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫২	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫৩	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫৪	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫৫	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫৬	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫৭	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫৮	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৫৯	১১	৮১০	-	৮	-	-	-	-	-	-	-	-
৬০	১১	৮১০	-	৮	-	-	-	-	-	-	-	-

**Figure3.2: End Line Inspection Report-01**

Islam Group:



Daily End-Line Inspection Report

Line: L-12				Inspector Name: Mukta				Date:10.02.19			
				Style:45115				Item Name: Ladies T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	90	151	125	111	137	96	86	100	100	100	1096
Drop Stitch	-	1	1	-	1	-	-	-	-	1	4
Cutting Stitch	-	-	-	3	2	1	2	3	1	1	13
Dirty	-	5	-	-	-	-	-	1	2	-	8
Oil Sport	4	-	-	-5	3	4	2	4	1	2	25
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	2	1	1	-	-	-	-	-	-	-	4
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	-	-	-	-	-	-	-	-	-	-	-
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	-	-	-	-	-	-	1	1	3	5
Uneven	-	-	-	-	-	-	-	-	-	-	-

Sleeve											
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery											
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	-	-	-	-	-	-	-	-	-	-
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	1	-	-	-	-	-	-	-	-	1	2
Others	3	1	5	4	-	5	4	2	2	3	29
Total											97

**Table 3.2: End Line Inspection Report- 01**

### **3.2 End Line Inspection Report- 02**

**Sewing Line M-13 In Islam Garments Ltd:**



**Figure3.3: End Line Inspection Report-02**

**Islam Group:**

Daily End-Line Inspection Report

Line: M-13				Inspector Name: Shipon				Date:11.02.19			
				Style:2054042				Item Name: T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	100	130	140	120	110	110	120	120	140	120	1200
Drop Stitch	1	-	2	-	1	2	1	2	-	2	11
Cutting Stitch	-	-	-	1	-	-	-	1	1	-	3
Dirty	-	-	-	2	-	-	-	1	-	1	4

Oil Sport	1	2	2	1	2	1	2	-	2	2	15
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	-	1	-	-	1	-	1	-	1	-	4
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	1	-	2	1	-	1	-	1	-	1	7
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	1	-	1	-	-	1	-	-	-	3
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	-	-	-	2	-	-	1	-	-	3
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-

Reject	-	1	2	-	-	1	-	1	-	-	5
Others	1	2	1	1	2	1	2	1	2	1	14
Total											61

**Table 3.3: End Line Inspection Report- 02**

**Sewing Line B-2 In Islam Garments Ltd:**

ক্রম	কাম	মাত্রা	কম	কম	কম	কম	কম	কম	কম	কম	কম	কম
১	১১৫	১০	-	৩	-	-	-	-	-	-	-	০২ ০৪
২	১১	১১০	-	৪	-	-	-	-	-	-	-	০২ ০৬
৩	১১	১১০	-	১	-	-	-	-	-	-	-	০১ ০৬
৪	১১	১১০	-	২	-	-	-	-	-	-	-	০২ ০৬
৫	১১	১১০	-	২	-	-	-	-	-	-	-	০২ ০৬
মাসিক বিবরণী												
৬	১১	১১০	-	২	-	-	-	-	-	-	-	০২ ০৬
৭	১১	১১০	-	২	-	-	-	-	-	-	-	০১ ০৬
৮	১১	১১০	-	২	-	-	-	-	-	-	-	০২ ০৬
৯	১১	১১০	-	২	-	-	-	-	-	-	-	০১ ০৬
১০	১১	১১০	-	২	-	-	-	-	-	-	-	০২ ০৬
১১												
১২												
১৩												
১৪												
১৫												
১৬												
১৭												
১৮												
১৯												
২০												
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২৪												
২৫												
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৩০												
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৪০												
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৪৫												
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৪৯												
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৫১												
৫২												
৫৩												
৫৪												
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৫৬												
৫৭												
৫৮												
৫৯												
৬০												
৬১												
৬২												
৬৩												
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৭১												
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৭৩												
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৮৮												
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৯০												
৯১												
৯২												
৯৩												
৯৪												
৯৫												
৯৬												
৯৭												
৯৮												
৯৯												
১০০												

**Figure3.4: End Line Inspection Report-02**

**Islam Group:**

Daily End-Line Inspection Report

Line: B-2	Inspector Name: Meheraba	Date: 11.02.19
-----------	-----------------------------	----------------

				Style:11639013				Item Name: Ladies T- Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	90	110	120	120	150	80	120	110	100	100	843
Drop Stitch	-	-	-	-	-	-	-	-	-	-	-
Cutting Stitch	-	4	2	2	1	2	-	1	-	-	12
Dirty	1	-	-	-	-	-	-	-	-	2	3
Oil Sport	-	1	-	1	-	1	1	-	-	1	5
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	1	1	1	3	2	1	1	-	2	-	12
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	-	-	-	-	-	-	-	-	-	-	-
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	-	-	-	-	-	-	2	1	1	4
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-

Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery											
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	-	-	-	-	-	-	-	-	-	-
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	-	1	-	-	-	1	-	-	-	-	2
Others	2	2	3	2	2	2	4	2	4	2	25
Total											63

**Table 3.4: End Line Inspection Report- 02**

### **3.3 End Line Inspection Report- 03**

**Sewing Line M-13 In Islam Garments Ltd:**

১০০% টেটী মার্কেটিন পরিদর্শন সতীকা  
 তারিখ: ১২/০২/১৯  
 স্টাইল/আইএম: ২০৫৪০২

স্বাক্ষর: [Signature]

ক্র.সং	কর্ম	অধিকার	১	২	৩	৪	৫	৬	৭	৮	৯	১০	মোট
১	QC Pass	১০০	১৩০	১৪০	১৩০	১১০	১৩০	১৪০	১৩০	১২০	১৪০	১২৭০	
২	Drop Stitch	১	-	২	১	-	১	১	-	২	১	৯	
৩	Cutting	-	১	-	-	১	-	-	-	-	১	৩	
৪	Dirty	-	-	১	-	-	১	-	১	-	-	৩	

মোট: ১২৭০ ৯ ৩ ৩

**Figure3.5: End Line Inspection Report-03**

**Islam Group:**

**Daily End-Line Inspection Report**

Line: M-13				Inspector Name: Shipon				Date: 12.02.19			
				Style: 2054082				Item Name: T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	100	130	140	130	110	130	140	130	120	140	1270
Drop Stitch	1	-	2	1	-	1	1	-	2	1	9
Cutting Stitch	-	1	-	-	1	-	-	-	-	1	3
Dirty	-	-	1	-	-	1	-	1	-	-	3



Oil Sport	1	2	2	1	-	2	1	2	1	2	14
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	-	-	1	-	1	-	-	1	-	1	4
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	1	1	-	2	1	-	2	-	1	-	8
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	1	-	1	-	-	1	-	-	-	3
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	1	-	-	1	-	-	1	-	-	3
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-



								Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	100	140	140	140	120	140	140	140	140	120	1320
Drop Stitch	-	1	-	1	-	1	-	1	-	1	5
Cutting Stitch	1	-	1	-	1	-	1	-	1	-	5
Dirty	-	1	-	1	-	-	-	-	-	-	2
Oil Sport	1	2	1	1	-	1	1	1	1	1	10
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	-	-	1	-	1	1	-	1	-	1	5
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	-	-	-	-	1	-	-	-	1	-	2
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	1	-	1	-	1	-	-	-	-	3
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-

Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	-	-	-	-	-	-	-	-	-	-
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	-	1	1	1	1	1	1	1	1	1	9
Others	2	2	2	2	2	2	2	2	2	2	20
Total											69

**Table 3.6: End Line Inspection Report- 03**

### **3.4 End Line Inspection Report- 04**

**Sewing Line B-7 In Islam Garments Ltd:**

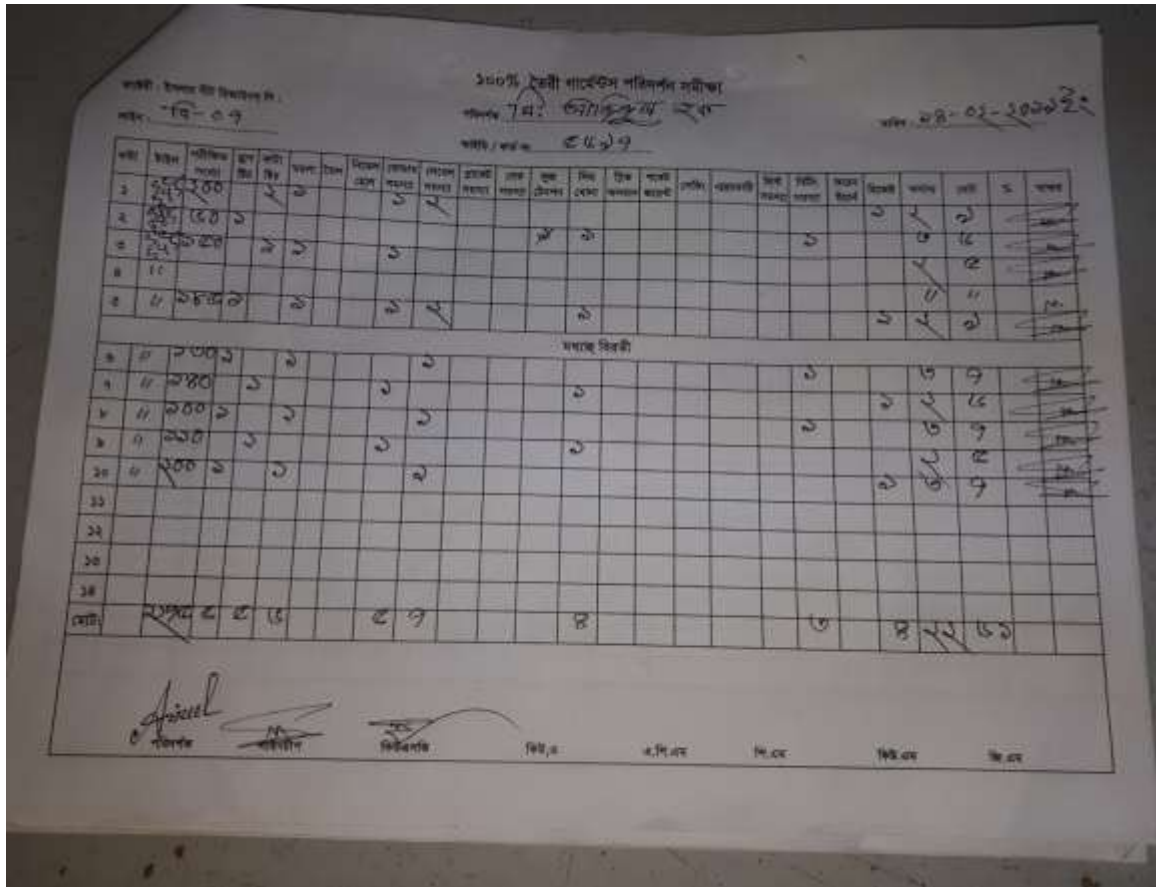


Figure3.7: End Line Inspection Report-04

**Islam Group:**

Daily End-Line Inspection Report

Line: B-7				Inspector Name: AzizulHaque				Date:14.02.19			
				Style: SC545				Item Name: T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	200	60	150	-	185	130	140	100	110	200	1275
Drop Stitch	-	1	-	-	1	1	-	1	-	1	5
Cutting Stitch	2	-	1	-	-	-	1	-	-	1	5

Dirty	1	-	1	-	1	1	-	1	-	1	6
Oil Sport	-	-	-	-	-	-	-	-	-	-	-
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	1	-	1	-	1	-	1	-	1	-	5
Label Problem	2	-	-	-	2	1	-	1	-	1	7
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	-	-	-	-	-	-	-	-	-	-	-
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	1	-	-	1	-	1	-	1	-	4
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	1	-	-	-	1	-	1	-	-	3
Freon	-	-	-	-	-	-	-	-	-	-	-

Yearn												
Reject	1	-	-	-	1	-	1	-	-	1	4	
Others	2	3	2	-	2	3	2	3	2	3	22	
Total											61	

**Table 3.7: End Line Inspection Report- 04**

Sewing Line B-09 In Islam Garments Ltd:

300% টেক্সটাইল পরিদর্শন অধীক্ষা  
 তারিখ: ১৫/০২/১৯  
 লাইন: B-09

ক্র.সং.	বিবরণ	মোট	সমস্যা	কারণ	সংশোধন	সমস্যা	কারণ	সংশোধন	সমস্যা	কারণ	সংশোধন	সমস্যা	কারণ	সংশোধন	সমস্যা	কারণ	সংশোধন	সমস্যা	কারণ	সংশোধন	
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**Figure3.8: End Line Inspection Report-04**

**Islam Group:**

Daily End-Line Inspection Report

Line: B-9	Inspector Name: AmdadulHaque	Date:14.02.19
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				Style:				Item Name: Polo-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	-	210	208	208	303	332	278	294	110	80	2019
Drop Stitch	-	-	1	-	1	-	-	-	-	-	2
Cutting Stitch	-	1	-	1	-	-	1	-	-	-	3
Dirty	-	1	2	-	2	2	1	2	1	2	13
Oil Sport	-	1	-	1	-	1	1	1	1	-	6
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	-	-	-	-	-	-	-	-	-	-	-
Placket Problem	-	-	-	-	-	1	-	-	-	-	1
Neck Problem	-	-	-	-	-	-	-	-	-	-	-
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	-	-	-	-	-	-	-	-	-	-
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-



Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	1	-	-	1	-	1	-	-	-	3
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	-	-	1	-	-	-	-	-	-	-	1
Others	-	1	1	1	1	1	2	2	1	2	11
Total											40

**Table 3.8: End Line Inspection Report- 04**

### **3.5 End Line Inspection Report- 05**

**Sewing Line M-13 In Islam Garments Ltd:**

100% 2019-2020 ମାଧ୍ୟମିକ ମୂଲ୍ୟାଙ୍କନ ରିପୋର୍ଟ

ଦାଫଡ଼ିଲ ଆନ୍ତର୍ଜାତୀୟ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ପଠକ୍ରମ: ବିଷୟ 1. ମାଧ୍ୟମିକ

ସମ୍ପର୍କିତ: 2019-2020

ପଞ୍ଜୀକୃତ: 19-33

ପଞ୍ଜୀକୃତ: 2019-2020

କ୍ର. ନଂ	ନାମ	ମାଧ୍ୟମିକ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ	ଉଚ୍ଚ		
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90

Figure3.9: End Line Inspection Report-05

**Islam Group:**

Daily End-Line Inspection Report

Line: M-13				Inspector Name: Shipon					Date:16.02.19			
				Style:2054081					Item Name: T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total	
QC Pass	100	120	130	120	120	110	130	120	150	140	1240	
Drop Stitch	1	-	1	-	1	-	-	1	-	-	3	
Cutting Stitch	-	1	-	-	-	-	1	-	-	1	3	
Dirty	-	2	1	2	1	2	1	-	2	1	12	
Oil Sport	1	-	3	2	2	1	2	2	3	2	18	

Needle Hole	1	-	-	-	-	-	-	-	-	-	1
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	-	-	1	-	-	1	-	-	-	1	3
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	1	1	-	2	-	1	-	2	-	-	7
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	1	-	-	1	-	1	-	-	-	3
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	1	-	-	-	1	-	-	-	-	2
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	-	1	-	1	-	-	2	-	-	1	5

Others	1	1	2	1	1	1	1	1	2	1	12
Total											70

**Table 3.9: End Line Inspection Report- 05**

**Sewing Line D-04 In Islam Garments Ltd:**

**Figure3.1.1: End Line Inspection Report-05**

**Islam Group:**

**Daily End-Line Inspection Report**

Line: D-4				Inspector Name: Anamul				Date: 16.02.19			
				Style:GIRTOP103				Item Name: Girl Tops			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	140	150	160	150	150	150	150	150	150	150	1300

Drop Stitch	-	-	-	1	-	1	1	2	1	1	7
Cutting Stitch	1	1	1	1	1	1	1	1	1	1	10
Dirty	1	1	1	-	-	1	2	2	1	2	11
Oil Sport	1	-	-	-	3	2	3	2	1	1	13
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	2	1	2	1	-	-	2	1	1	1	11
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	-	-	-	-	-	-	-	-	-	-	-
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	1	1	2	1	-	-	-	-	-	1	6
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-

Knitting Problem	-	-	-	-	-	-	-	-	-	-	-
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	1	-	-	1	1	-	-	-	-	1	4
Others	1	3	2	1	2	1	1	1	2	1	15
Total											77

Table 3.1.1: End Line Inspection Report- 05

### 3.6 End Line Inspection Report- 06

Sewing Line M-13 In Islam Garments Ltd:

100% 200% 300% 400% 500% 600% 700% 800% 900% 1000%

তারিখ: ২৯-২-২০

সর্বমোট: ৯২

Figure3.1.2: End Line Inspection Report-06

Islam Group:

Daily End-Line Inspection Report

Line: M-13				Inspector Name: Shipon				Date:17.02.19			
				Style: 2054081				Item Name: T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	110	140	120	130	140	130	150	140	130	120	1310
Drop Stitch	1	-	-	2	-	-	2	-	1	-	6
Cutting Stitch	-	1	-	-	-	1	-	-	-	1	3
Dirty	1	-	2	-	2	1	-	1	2	-	9
Oil Sport	1	3	2	1	3	2	3	2	2	1	20
Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	-	1	-	-	-	1	-	-	-	1	3
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	1	-	1	-	2	-	1	-	2	-	7
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	-	1	-	1	-	-	1	-	-	1	4
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-

Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	-	-	1	-	-	-	1	-	-	2
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	-	1	-	-	1	-	-	2	-	1	5
Others		1	1	2	1	1	2	1	1	1	12
Total											71

**Table 3.1.2: End Line Inspection Report- 06**

**Sewing Line D-04 In Islam Garments Ltd:**





Needle Hole	-	-	-	-	-	-	-	-	-	-	-
Button Problem	-	-	-	-	-	-	-	-	-	-	-
Label Problem	2	1	-	2	1	2	1	1	1	1	12
Placket Problem	-	-	-	-	-	-	-	-	-	-	-
Neck Problem	-	-	-	-	-	-	-	-	-	-	-
Loose Tension	-	-	-	-	-	-	-	-	-	-	-
Open Seem	1	2	1	-	1	1	1	1	1	1	10
Uneven Sleeve	-	-	-	-	-	-	-	-	-	-	-
Pocket Join	-	-	-	-	-	-	-	-	-	-	-
Seeding	-	-	-	-	-	-	-	-	-	-	-
Embroidery	-	-	-	-	-	-	-	-	-	-	-
Print Problem	-	-	-	-	-	-	-	-	-	-	-
Knitting Problem	-	-	-	-	-	-	-	-	-	-	-
Freon Yearn	-	-	-	-	-	-	-	-	-	-	-
Reject	-	-	-	1	-	-	-	2	1	-	4



				Style: 2054082				Item Name: T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	100	130	160	160	140	140	150	140	140	120	1380
Drop Stitch	1		1		2		2		2		8
Cutting Stitch		1				1				1	3
Dirty		1		1				2			4
Oil Sport	1		3	2	1	2	1	1		2	13
Needle Hole								2	1	1	4
Button Problem											
Label Problem		1		1		1					3
Placket Problem											
Neck Problem	1		2		2		1		2		8
Loose Tension											
Open Seem		1		1		1				1	4
Uneven Sleeve											
Pocket Join											
Seeding											



### Figure3.1.5: End Line Inspection Report-07

#### Islam Group:

#### Daily End-Line Inspection Report

Line: D-4				Inspector Name: Anamul				Date:19.02.19			
				Style: GIRTOP103				Item Name: Girls Top			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	150	150	160	160	160	160	160	160	160	160	1580
Drop Stitch			1	1	1	1	1	1		1	7
Cutting Stitch	1	1	1	1	1	1	1	1	1	1	10
Dirty	1	1	2	2	1	1		1		1	11
Oil Sport	3	4	2	1		3	2	1	3	2	21
Needle Hole											
Button Problem											
Label Problem	2	1	2	1	1	1	1	1	1	1	12
Placket Problem											
Neck Problem											
Loose Tension											

Open Seem	1	1	1	1	1	1	1		1	1	9
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											
Reject					1			1			2
Others	1	2	1	1	2	2	1	2	2		14
Total											87

**Table 3.1.5: End Line Inspection Report- 07**

### **3.8 End Line Inspection Report- 08**

**Sewing Line M-13 In Islam Garments Ltd:**





Oil Sport	1		2		2	1					6
Needle Hole											
Button Problem											
Label Problem		1		1		1		1			4
Placket Problem											
Neck Problem	1		1	2	1		1				6
Loose Tension											
Open Seem		1		1				1			3
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											

Reject		1			2						3
Others	2	1	1	1	1	1	1				8
Total											46

**Table 3.1.6: End Line Inspection Report- 08**

**Sewing Line D-04 In Islam Garments Ltd:**

**Figure 3.1.7: End Line Inspection Report-08**

**Islam Group:**

**Daily End-Line Inspection Report**

Line: D-4	Inspector Name: Anamul	Date:20.02.19
	Style: GIRLTOP103	Item Name: Girls Top

Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	150	160	160	160	150	150	150	150			1330
Drop Stitch	1	1	1	1		1	1	1			7
Cutting Stitch	1	1	1	1		1	1	1			7
Dirty	1	1	1	1	1						5
Oil Sport	1		1	1	1			1			5
Needle Hole											
Button Problem											
Label Problem	1	1	1	1	2	2	1	1			10
Placket Problem											
Neck Problem											
Loose Tension					1	1	1				3
Open Seem				1	1	1	1	1			5
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											



**Islam Group:**

Daily End-Line Inspection Report

Line: M-13				Inspector Name: Shipon				Date:23.02.19			
				Style: SKESMPLEIF				Item Name: Ladies T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	100	130	120	120	100	120	100	100			890
Drop Stitch		1			2		2				5
Cutting Stitch	1		1					1			3
Dirty						1					1
Oil Sport	1			2		1		2			6
Needle Hole											
Button Problem											
Label Problem		1		1			1		2		5
Placket Problem											
Neck Problem	1		2		2	1	2	1			9
Loose Tension											
Open Seem		1		1			1				3

Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem		1									1
Freon Yearn											
Reject				1			1				2
Others	1	2	1	1	1	2	1	1			10
Total											45

**Table 3.1.8: End Line Inspection Report- 09**

**Sewing Line D-04 In Islam Garments Ltd:**



Figure 3.1.9: End Line Inspection Report-09

**Islam Group:**

Daily End-Line Inspection Report

Line: D-4				Inspector Name: Anamul				Date:23.02.19			
				Style: GIRLTOP103				Item Name: Girls Top			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	150	160	180	180	180	180	180	180	180	180	1750
Drop Stitch	1	1	1	1	1	1	1	1	1		9
Cutting Stitch	1	1	1	1	1	1	1	1	1		9
Dirty	1				1	1		1	1	1	6
Oil Sport	1					2	2		1		6

Needle Hole											
Button Problem											
Label Problem	1	1	1	1	1	1	1	1	1	1	10
Placket Problem											
Neck Problem											
Loose Tension			1				1		1	1	4
Open Seem	1		1	1	1	1				1	6
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											
Reject				1	1			1			3

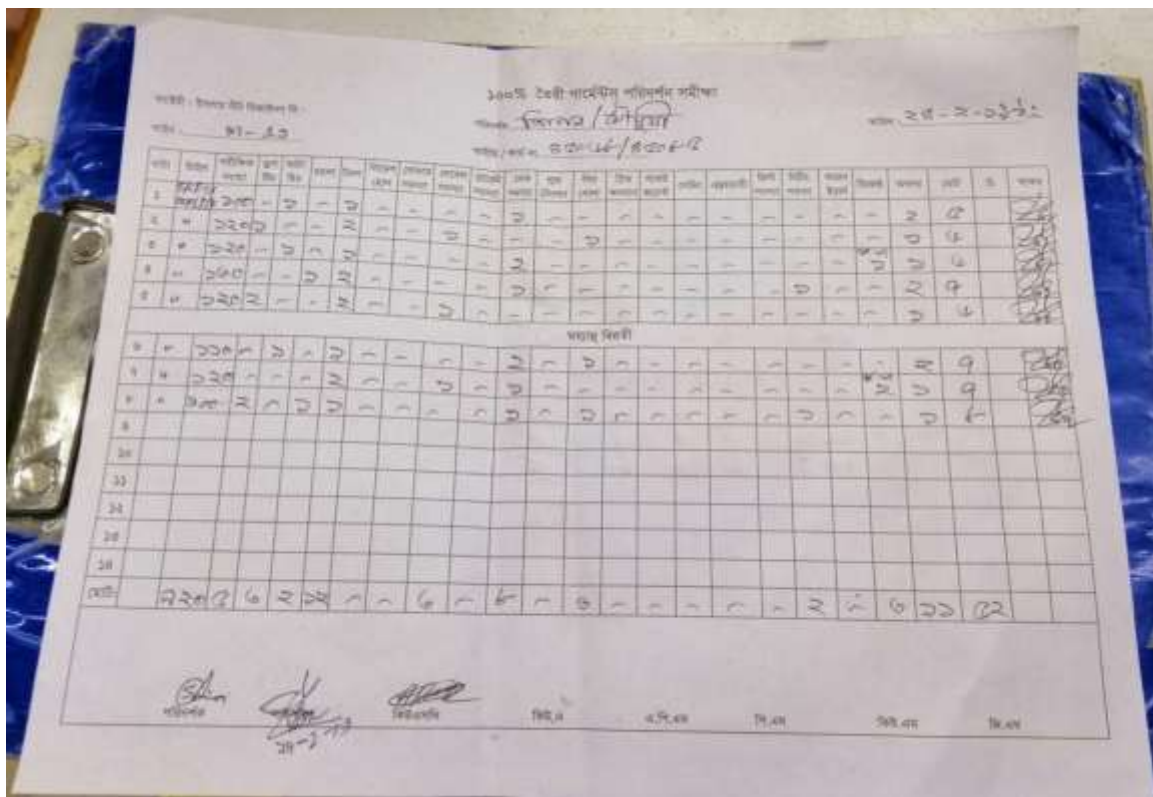


Others	1	1	2	1	1	1	2	1	2	4	16
Total											69

**Table 3.1.9: End Line Inspection Report- 09**

### 3.2.1 End Line Inspection Report- 10

**Sewing Line E-05 In Islam Garments Ltd:**



**Figure3.2.1: End Line Inspection Report-10**

**Islam Group:**

Daily End-Line Inspection Report

Line: M-13	Inspector Name: Shipon	Date:24.02.19
	Style: SKESIMLEIF	Item Name: Ladies T-Shirt

Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	100	120	120	130	120	110	120	100			920
Drop Stitch		1		2			2				5
Cutting Stitch	1		1			1					3
Dirty				1				1			2
Oil Sport	1	2	1	2	2	1	2	1			12
Needle Hole											
Button Problem											
Label Problem		1			1	1					3
Placket Problem											
Neck Problem	1		2	1		2	1	1			8
Loose Tension											
Open Seem		1				1		1			3
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											

Print Problem											
Knitting Problem				1				1			2
Freon Yearn											
Reject			1					2			3
Others	2	1	1	2	1	2	1	1			11
Total											52

Table 3.2.1: End Line Inspection Report- 10

**Sewing Line D-04 In Islam Garments Ltd:**

Handwritten inspection report for Sewing Line D-04 in Islam Garments Ltd. The report includes a header with company name, line number, and date. It features a grid for recording defects with columns for defect type, quantity, and status. The grid contains handwritten entries for various defect types and their counts. At the bottom, there are fields for total counts and signatures.

**Figure 3.2.2: End Line Inspection Report-10**

**Islam Group:**

Daily End-Line Inspection Report

Line: D-4				Inspector Name: Anamul				Date:24.02.19			
				Style: GIRLTOP103				Item Name: Girls Top			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	150	160	160	150	150	150	160	160	150	150	1540
Drop Stitch	1	1	1	1	1	1	1	1	1	1	10
Cutting Stitch	1	1	1	1	1	1	1	1	1	1	10
Dirty	1	1					1	1			4
Oil Sport	1	1					1	1		1	5
Needle Hole											
Button Problem											
Label Problem	1		2	2	2	1		2	1	1	12
Placket Problem											
Neck Problem											
Loose Tension											

Open Seem	1	2	1	2	1	1		1	1	1	11
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											
Reject			1			2		1			4
Others	1	2		2	1	2	3	1	2	2	16
Total											72

**Table 3.2.2: End Line Inspection Report- 10**

### **3.2.2 End Line Inspection Report- 11**

**Sewing Line M-13 In Islam Garments Ltd:**



Oil Sport	1		3	2	1		1	1	3	1	13
Needle Hole											
Button Problem											
Label Problem	1	1		1			1				4
Placket Problem											
Neck Problem	1	2	2		1	1		2		1	10
Loose Tension											
Open Seem		1			1		1			1	4
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											

Reject			1				1				2
Others	1	1	2	1	1	2	1	2	1	1	13
Total											57

**Table 3.2.3: End Line Inspection Report- 11**

**Sewing Line D-04 In Islam Garments Ltd:**

**Figure 3.2.4: End Line Inspection Report-11**

**Islam Group:**

**Daily End-Line Inspection Report**

Line: D-4				Inspector Name: Anamul				Date: 25.02.19			
				Style: GIRTOP103				Item Name: Girls Top			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total



QC Pass	150	150	150	150	120	120	120	120	100	80	130
Drop Stitch	1	1	1	1	1	1	1	1	1	1	10
Cutting Stitch	1	1	1	1	1	1	1	1	1	1	10
Dirty	1	1	1	1		1	1	1	1	1	9
Oil Sport	1	1	1	1						1	5
Needle Hole											
Button Problem											
Label Problem	2	1	2	1	1	2	1	1	1	1	13
Placket Problem											
Neck Problem											
Loose Tension											
Open Seem	1	1	1	1	1	1			1	1	8
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print											

Problem											
Knitting Problem											
Freon Yearn											
Reject			1			1					2
Others	1	1	1	2	4	2	1	2	2		16
Total											72

Table 3.2.4: End Line Inspection Report- 11

### 3.2.3 End Line Inspection Report- 12

Sewing Line M-13 In Islam Garments Ltd:

Figure 3.2.5: End Line Inspection Report-12

Islam Group:

Daily End-Line Inspection Report

Line: M-13				Inspector Name: Shipon				Date:26.02.19			
				Style: SKESIMPEIF				Item Name: Ladies T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	110	120	130	130	120	110	140	130	120	150	1260
Drop Stitch	1			1			2		2	1	7
Cutting Stitch			1			2					3
Dirty					1			1			2
Oil Sport	1	2	2		2	1	2	2	1	2	15
Needle Hole											
Button Problem											
Label Problem		1		1		1		1			4
Placket Problem											
Neck Problem	1		2	1	2	1	2		1	2	12
Loose Tension											
Open Seem		1		1			1			1	4
Uneven											

Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											
Reject			1			1			1		3
Others	1	2	1	1	1	2	1	2	1	2	14
Total											64

**Table 3.2.5: End Line Inspection Report- 12**

**Sewing Line D-04 In Islam Garments Ltd:**

স্বাধীনতা সড়ক বিভাগের বি. এ. ডি. ১৪

১০০% টেক্সটাইল পরিদর্শন সনদীকৃত

পরিদর্শন নং: ১৩৪৩০২/১৯১৯

তারিখ: ২৬-০২-২০১৯

ক্র. নং	সাইজ	পরিমিত সময়	১ম ৫ম	২য় ৫ম	৩য় ৫ম	৪য় ৫ম	৫য় ৫ম	৬য় ৫ম	৭য় ৫ম	৮য় ৫ম	৯য় ৫ম	১০য় ৫ম	মোট	১	২	৩	৪	৫
১	১৬-১৬	১০০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
২	১৬	১২০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
৩	১৬	১০০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
৪	১৬	১২০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
৫	১৬	১৪০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
মধ্যাহ্ন বিরতি																		
৬	১৬	১২০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
৭	১৬	১৪০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
৮	১৬	১৪০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
৯	১৬	১৪০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
১০	১৬	১৪০	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১	১
১১																		
১২																		
১৩																		
১৪																		
মোট		১২০	১২০	১২০	১২০	১২০	১২০	১২০	১২০	১২০	১২০	১২০	১২৯০					

Figure3.2.6: End Line Inspection Report-12

Islam Group:

Daily End-Line Inspection Report

Line: D-4				Inspector Name: Anamul				Date: 26.02.19			
				Style: 13439021				Item Name: Girls Top			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	100	120	130	120	140	120	140	140	140	140	1290
Drop Stitch	1	1	1	1	1	1	1	2	1	1	11
Cutting Stitch	1	1	1	1	1	1	1	1	1	1	10
Dirty	1	1	1		1						4

Oil Sport	1										1
Needle Hole											
Button Problem											
Label Problem	1	1	1	1	1	1	1	1	1	1	10
Placket Problem											
Neck Problem											
Loose Tension											
Open Seem	1	1	1	1	1	1	1		1	1	9
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											

Reject		1		2	1	1			1		6
Others	1	2	1	2	1	1	1	3	1	1	14
Total											65

Table 3.2.6: End Line Inspection Report- 12

### 3.2.4 End Line Inspection Report- 13

Sewing Line M-13 In Islam Garments Ltd:

Figure 3.2.7: End Line Inspection Report-13

#### Islam Group:

Daily End-Line Inspection Report

Line: M-13	Inspector Name: Shipon	Date: 27.02.19
	Style: SKESIMPEIF	Item Name: Ladies T-

								Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	120	130	130	120	100	120	140	120	150	140	1270
Drop Stitch	2	1		2	1			2		1	9
Cutting Stitch			1						1		2
Dirty					1	2	3	2	3	1	12
Oil Sport	1	2	2	1			1		1		8
Needle Hole											
Button Problem											
Label Problem		1		1		1				1	4
Placket Problem											
Neck Problem	1		2		1		1	2		2	9
Loose Tension											
Open Seem			1		1					1	3
Uneven Sleeve											
Pocket Join											
Seeding											



Embroidery											
Print Problem											
Knitting Problem						1			1		2
Freon Yearn											
Reject	1						1				2
Others	1	2	1	2	1	2	1	1	2	1	14
Total											65

**Table 3.2.7: End Line Inspection Report- 13**

**Sewing Line D-04 In Islam Garments Ltd:**



Oil Sport	1				1		3	4	3	2	14
Needle Hole											
Button Problem											
Label Problem	2	1		2	1	1	2	1	2	1	13
Placket Problem											
Neck Problem											
Loose Tension											
Open Seem	3	2	4	3	2	2	1	1	2		20
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											



								Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	120	130	150	140	120	120	140	130	150	140	1340
Drop Stitch	1		2		2		2		2		9
Cutting Stitch			1			2				1	4
Dirty	2	3	2	3	2	2	3	2	3	2	24
Oil Sport		1						1		1	3
Needle Hole											
Button Problem											
Label Problem		1			1			1			3
Placket Problem											
Neck Problem		1		2		1		2		1	7
Loose Tension											
Open Seem			1			1				1	3
Uneven Sleeve											
Pocket Join											
Seeding											

Embroidery											
Print Problem											
Knitting Problem					1			1			2
Freon Yearn											
Reject		1			1			1			3
Others	2	1	2	1	1	1	2	1	1	2	14
Total											72

**Table 3.2.9: End Line Inspection Report- 14**

**Sewing Line D-04 In Islam Garments Ltd:**



Oil Sport	4	2	5	3	2	2					18
Needle Hole											
Button Problem											
Label Problem	2	1	1	1	1	1	1	1	3	2	14
Placket Problem											
Neck Problem											
Loose Tension	1					1	1	1		1	5
Open Seem	1	1	1	1	1	1	1	1		1	9
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											





				Style: SKESIMPEIF				Item Name: Ladies T-Shirt			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	110	130	140	120	110	100	130	130	150	130	1250
Drop Stitch	1		2		1		2		1		7
Cutting Stitch		1				1					2
Dirty	2	3	2	2	1	2	3	2	3	2	22
Oil Sport			1		1					1	3
Needle Hole											
Button Problem											
Label Problem		1		2		1		1		2	7
Placket Problem											
Neck Problem	1		1	1			2		2		7
Loose Tension											
Open Seem			1		1				1		3
Uneven Sleeve											
Pocket Join											

Seeding											
Embroidery											
Print Problem											
Knitting Problem								1			1
Freon Yearn											
Reject								2			2
Others	1	2	1	2	1	2	1	2	1	2	15
Total											69

**Table 3.3.2: End Line Inspection Report- 15**

Sewing Line D-04 In Islam Garments Ltd:

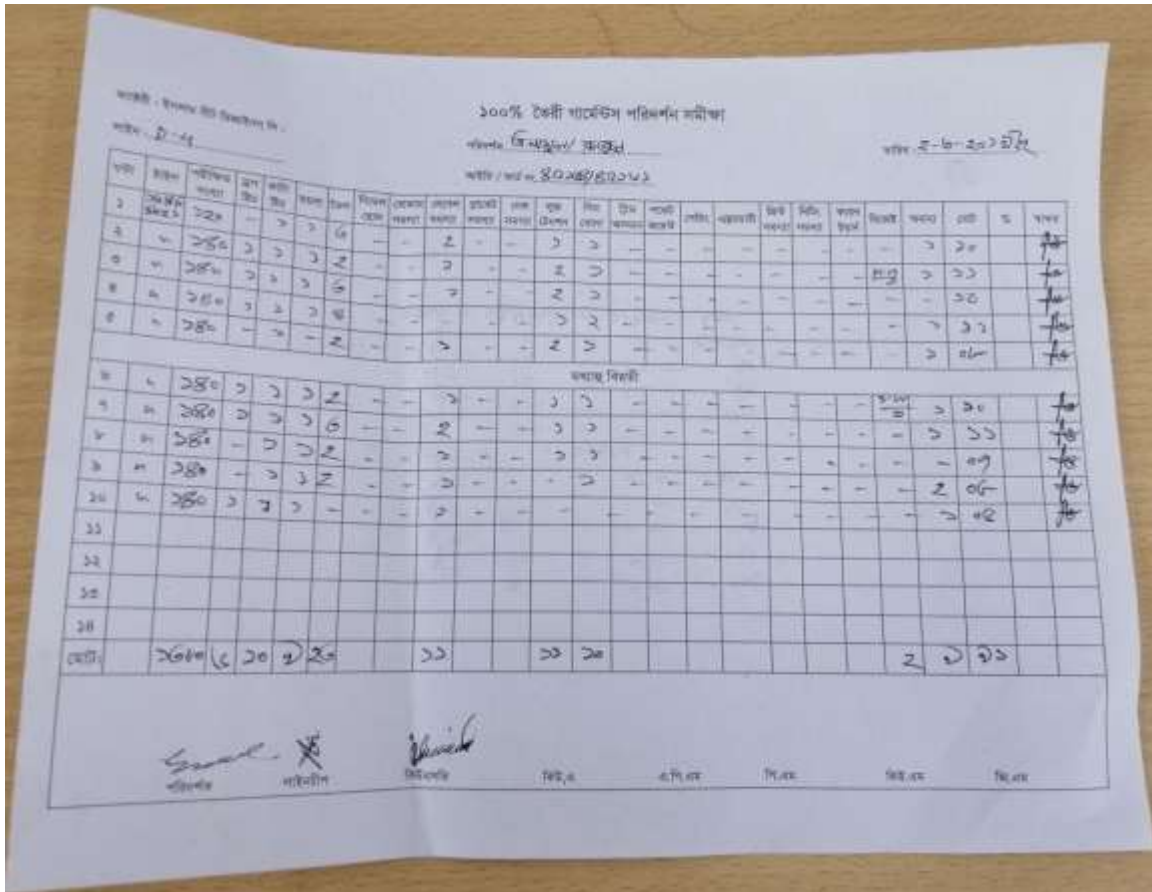


Figure 3.3.3: End Line Inspection Report-15

**Islam Group:**

Daily End-Line Inspection Report

Line: D-4				Inspector Name: Anamul				Date:02.03.19			
				Style: 13439021				Item Name: Girls Top			
Hour	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>th</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	Total
QC Pass	120	140	140	140	140	140	140	140	140	140	1380
Drop Stitch		1	1	1		1	1			1	6
Cutting Stitch	1	1	1	1	1	1	1	1	1	1	10
Dirty	1	1	1	1		1	1	1	1	1	9

Oil Sport	3	2	3	4	2	2	3	2	2		23
Needle Hole											
Button Problem											
Label Problem	2	1	1		1	1	2	1	1	1	11
Placket Problem											
Neck Problem											
Loose Tension	1	2	2	1	2	1	1	1			11
Open Seem	1	1	1	2	1	1	1	1	1		10
Uneven Sleeve											
Pocket Join											
Seeding											
Embroidery											
Print Problem											
Knitting Problem											
Freon Yearn											

Reject		1				1					2
Others	1	1		1	1	1	1		2	1	9
Total											91

**Table 3.3.3: End Line Inspection Report- 15**

### 3.2.7 Summary of Reports 15 Day (Islam Garments Ltd.):

Date	Line	Item	Style	QC Pass	Drop Stitch	Cutting Stitch	Dirty	Oil	Needle Hole	Label Problem	Button Problem	Neck Problem	Open Seam	Loose Tension	Knitting Problem	Reject	Others	Total
10.02.19	M-13	T-Shirt	2054082	1200	7	3	2	18		4		8	3			5	15	65
	L-12	Ladies T-Shirt	66739145	2096	4	13	8	25		4			5			2	29	97
11.02.19	M-13	T-Shirt	2054082	1210	11	3	4	15		4		7	3		3	5	14	69
	B-2	Ladies T-Shirt	11639013	843		12	3	5		12			4			2	25	63

17.02.19		D-4	M-13	T-Shirt	2054081	1310	6	3	9	20		3		7	4		2	5	12	71
		GIRLTOP103					1520	9	10	8	9		12			10			4	12
16.02.19		D-4	M-13	T-Shirt	2054081	1240	4	3	12	18		3		7	3		2	5	12	70
		GIRLTOP103					1300	7	10	11	13		11			6			4	15
14.02.19		B-9		Polo Shirt		2019	2	3	13	6							3	1	11	40
		B-7		T-Shirt	SC545	1275	5	5	6				7	5		4		3	4	22
12.02.13		C-3		Ladies T-Shirt	33436504	1320	5	5	2	10				2	3			9	20	59
		M-13		T-Shirt	2054082	1270									8	3		3	6	14

24.02.19	M-13	Ladies T-Shirt	SKESIMPEIF	920	5	3	2	12		3	8	3			4	13	64	
23.02.19	D-4	Girls Top	GIRLTOP103	1750	9	9	6	6		10			6	4			69	
23.02.19	M-13	Ladies T-Shirt	SKESIMPEIF	890	5	3	1	6		5	9	3		1	2	10	45	
20.02.19	D-4	Girls Top	GIRLTOP103	1330	7	7	5	5		10			5	3			59	
20.02.19	M-13	T-Shirt	2054082	840	7	2	7	6		4	6	3			3	8	46	
19.02.19	D-4	Girls Top	GIRLTOP103	1580	7	10	11	21		12			9			2	14	87
19.02.19	M-13	T-Shirt	2054081	1380	8	3	4	13	4	3							64	



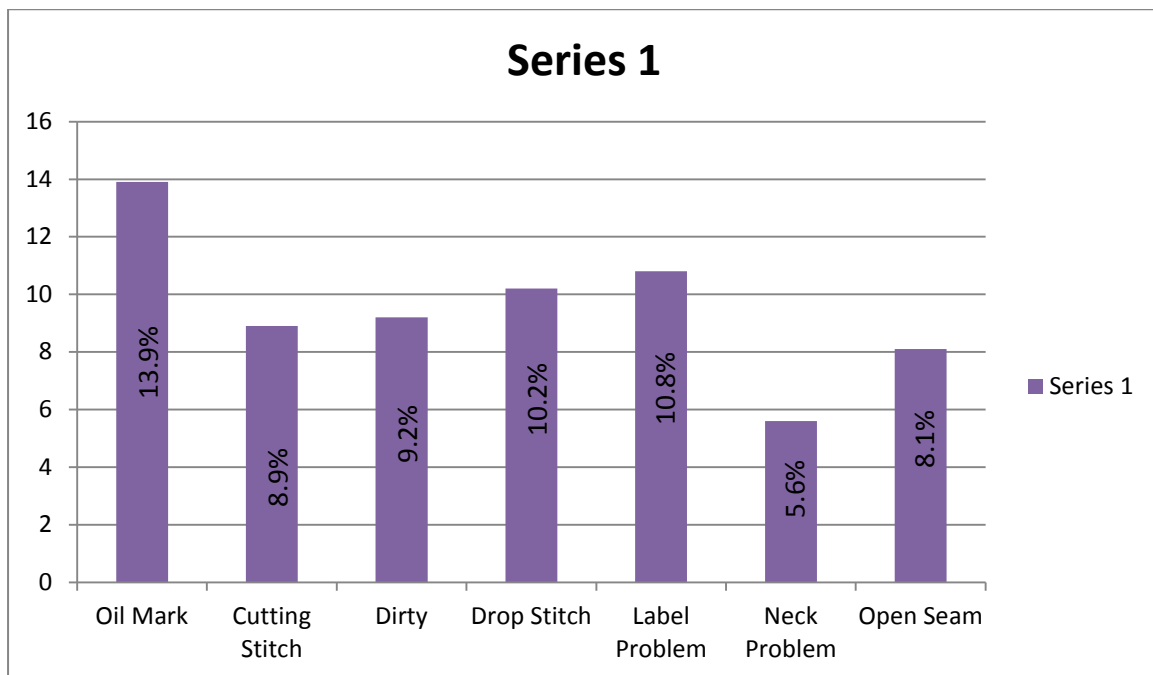


	02.03.19				28.02.19			
	D-4	M-13	D-4	M-13	D-4	M-13	D-4	M-13
	Girls Top	Ladies T-Shirt	Girls Top	Ladies T-Shirt	Girls Top	Ladies T-Shirt	Girls Top	Ladies T-Shirt
Total	13439021	SKESIMPEIF	13439021	SKESIMPEIF	13439021	SKESIMPEIF	13439021	SKESIMPEIF
=39,913	1380	1250	1380	1340	9	10	9	1340
=208(10.2%)	6	7	6	9	9	10	9	1340
=182(8.9%)	10	2	10	8	10	2	10	1340
=217(9.2%)	9	22	9	24	8	22	8	1340
=327(13.9%)	23	3	23	3	18	3	18	1340
=4(0.1%)								1340
=220(10.8%)	11	7	11	3	14	7	14	1340
=5(0.2%)								1340
=115(5.6%)		7		7		7		1340
=165(8.1%)	10	3	10	3	9	3	9	1340
=23(1.1%)	11		11		5		5	1340
=24(1.2%)		1		1		1		1340
=103(5.06%)	2	2	2	2	3	2	3	1340
=440(21.63)	9	15	9	15	12	15	12	1340
=2034(5.09%)	91	69	91	69	88	69	88	1340

## CHAPTER-4:RESULTS OF DISCUSSION

## 4.1 Sewing Section Result:-

In sewing section different types of reasons are found for sewing defects. So, we have analyzed the result. The calculated result is-



## 4.2 Sewing 5 Major defects:-

- ❖ Oil Mark=13.9
- ❖ Label Problem=10.8%
- ❖ Drop Stitch=10.2%
- ❖ Dirty Spot=9.2%
- ❖ Cutting Stitch=8.9%
- ❖ Open Seam=8.1%
- ❖ Neck Problem=5.6%

## 4.3 Definition, Photo, Causes and remedies of Major Defects:

**4.3.1 . Oil Sport=13.9%:**Oil recolor with residue clung to surface which makes the stains increasingly conspicuous. Can result in the product's failure, reducing marketability, usability



Fig 4.1: Oil Sport

**Causes:**

- If proper lubricant is not use
- If machine parts are not clean
- For operator it can be done.
- Natural dust.

**Remedies:**

- Proper use of lubricant oil.
- Working flooring all instances easy up
- Proper support of machine.
- Proper cleaning of machine.

**4.3.2. Drop Stitch=10.2%:**Where the fasten shaping misses proper sewing bearing and crease tumble from texture.



Fig 4.2: Drop Stitch

Cause:

- Needle can be baked.
- The yarn may be tight.
- If the yarn is bad.
- Yarn tension may be there.
- Yarn tension may be loose.

Remedies:

- Needle baked to be fixed.
- Needle to fix the tension of the yarn.
- The need to reduce the loose.

### 4.3.3. Broken Stitch/Cutting Stitch=8.9%: It is not continuous stitch.



Fig 4.3: Broken/ Cutting Stitch

#### Causes:

- It is occurred due to improper sewing
- It is occurred for worker unaware

#### Remedies:

- Needle plate, presser foot and feed dog should be checked periodically for damages.
- Proper use of machine.
- Proper use of trimming.

### 4.3.4. Open seam=8.1%: Portion of the garment that has not been covered by sewing thread.



Fig 4.4: Open Seam

**Causes:**

- This happens due to improper handling of the parts of garments, improper setting and timing between needle and lopper or hook etc.

**Remedies:**

- Pattern needs to be correct
- Clear markings for stitch line
- Good quality or D-core thread should be used
- Proper setting and timing between needle and lopper or hook.
- Worker training
- Pattern needs to be correct
- Clear markings for stitch line
- Tension should be quantifiable



## CHAPTER-5: CONCLUSION

## **5.1 Conclusion:**

We have completed our thesis after lots of inspection, experiment and discussion. We have gathered a large experience about this project. In our sewing floor mainly three victims are responsible for defects. Such as Different type and new product, sewing machine problem, and salary problem. Management should established IE department for better productivity and less defects. In our investigation we found some faults like Oil Sport13.9%, Label Problem 10.8%, Drop Stich 10.2%, Dirty 9.2%, Cutting Stitch 8.9%, Open Seam 8.1%, Neck Problem 5.6%, and sewing faults at Islam Garments Ltd. Finally we found total 5.09% garments are defective causes of sewing problem calculation for industries. So minimizing all type of causes can get defect free product with higher production.