

## **Manufacturing Quality Control Process:**

### **1. Incoming Material Quality Control (QC):**

- a. QC point and check methods (lab testing):
  - 1) Ensure materials are free from AZO Dyes. Note: AZO dyes contain Benzene and Phenolic bonds in the chemical structure of their dyes, which is strictly banned in our factory.
  - 2) Check fabric by reducing or increasing the temperature from 50-60c Standard process int'l process; to ensure that the color does not bleed.
- b. QC point and check methods (manufacturing facility):

Ensure that customer specifications (color matching, color bleeding, material composition, thread and sewing quality,) are met.
- c. All fabric rolls spread out on table under flesh light to check fabric is clear from Any sort of dye spot and should has same color as per customer requirement. Selection made at above mentioned QC. And wrong rolls back to fabric supplier ASAP to deliver right fabric in mean time process start with right fabric according to customer requirement. All fabric result check by production Director, inspector and Pattern Masters.

### **2. Pattern Master Process & QC:**

Note: If materials pass material QC checks, the materials go to the Pattern Masters (1<sup>st</sup> Production Section) to make product patterns according to the sample (specifications) provided by the customer.

QC point and check methods.:

Pattern Masters cut patterns according to customer sample / specifications. Production inspector and production Director, inspects samples prior to sending cut patterns to Cutting Machine supervisors.

Note: Cutting is checked per M Furqan & Co. workmanship and customer specifications.

When pattern has cut by the pattern master than at least 10 samples been stitch to see the result and matched with customer samples if all goes ok then next process take place.

### **3. Cutting Machine Process & QC:**

Next, the material goes to the Cutting Machine supervisors where the samples are cut according to pattern provided by Pattern Masters and point out the exact place of printing as per customer sample.

Like printing size ( Length, Width etc.) After cutting at least ten samples been printed to check printing result. If all things goes ok by checking by Production Director and Printing Inspector. then Next Process.

QC point and check method.

- a. Manufacturing Director checks initial production samples. If “OK”, he gives the go ahead for production.
- b. During production, QC inspector and Production Director, checks cutting quality prior to each sample being sent to printing department and stitching department to run chain system production.

### **4. Stitching Machine Process & QC:**

Note: While the cutting process commences, a process/quality meeting is held with our Stitching Lines' and Printing/Embroidering department and Production Control supervisors to ensure they understand our customers' requirements.

QC point and check method.

- a. Checked the whole by the Director and the Production supervisor before he gives the go ahead for stitching to commence.
- b. During stitching, the stitching quality is checked by the production supervisors and production Director throughout the day.

### **NEXT PRINTING PROCESS..**

### **5. Printing, Embroidering & Product Labeling Process & QC:**

QC point and check method:

- a. Before using the printing dyes, they are checked to ensure that they are AZO Free dyes.
- b. Checked by Director or by Mr. Furqan (H.N.D Chemicals Northampton University, UK) and printing quality check by using special tape ensure printing doesn't come off, and sizes length width of Customer LOGO or any words of printing according to customer requirements to ensure printing (color, clarity of pattern printed) is to customers' specifications throughout the day.

### **6. Final Product Quality Assurance and Packing Section:**

QC point and check method.

- a. One Management director with production director, (quality control inspector) inspects all./sample of production quantity. Production quality prior to packing for customer shipment
- b. “Out of box” audits –
- c. Correct box numbers with correct packing numbers of products inside box per a sampling frequency to ensure that the outgoing product quality is good.

### **7. Production Personnel Performance Bonuses and Rewards:**

When production quality meets and/or exceeds the customers' specifications and production schedule commitments, quality gifts are presented to all employees to encourage them to consistently deliver high quality products on-time for our customers.

**NOTE: NO CHILD LABOR IS ALLOWED IN OUR FACTORIES.**