



Factory Profile

of



www.clo-designs.com



Organization

Basic Company info

Factory Name	CLO Designs Ltd.
Type of Company	Readymade Garment Manufacturer (factory), Wholesaler & Exporter. Registered as a Limited Liability Company in Dhaka, Bangladesh.
Establishment Year:	2018
Total Space:	20,000 Square Feet
Factory & office Address & Phone:	226/1, Bongobondhu (Dobadia) Road, Uttar Khan, Dhaka 1230, BANGLADESH. Mgmt # +88 01730591339 (Cell & WhatsApp) Sales: +88 01713456545 (Cell & WhatsApp)
Banking with:	TRUST Bank Limited, Millennium Corporate Branch, Dhaka 1206
E-mail:	Clothing@clo-designs.com
Modes of Payment:	L/C, TT etc
Payment Terms:	FOB, CIF, CF

We are an apparel manufacturing, international garment sourcing & supply chain Management Company delivering the right goods, to the right place at right time.

We are capable of producing around 2 million pieces of garments (mostly knitwear) per year & supplying more than 20 million pieces from our partner factories having versatile product portfolio including woven, denim & lingerie.

We have a total of 200+ machines, which is laid between four to six lines depending on styles & type of garments. We are also in process of adding more to our sewing lines. Complete list of machines at the end of this document.

TYPES OF PRODUCTS IN CATEGORIES:



Womenswear

Activewear, T-shirts, Polo, Sweatshirts, Hoodies, Skirts, dresses, tops, blouses, Tank tops etc.



Menswear

Activewear, T-shirts, Polo, Sweatshirts, Hoodies, Underwear, Boxers, Shorts, Swimming Shorts, briefs etc.



Kidswear

Hoodies, Frocks with lace floral & sequins, Girl's skirts, T-shirts, Polo Shirts, Sweatshirts, Underwear, briefs etc.

What we produce

Products:

At our own factory we produce –

all kinds of **knitted T-shirts, Polo Shirts, Sweatshirts etc** - solid dyed / yarn dyed / printed / tie dye / - single jersey, interlock, 1x1 rib, 2x2 rib, drop-needle, mesh, etc in both 100% cotton, 100% polyester or blend, polar fleece or micro - anti piling, brushed, CVC, T/C, Cotton Lycra, French terry or brushed in cotton etc - weight wise from 110 GSM to 400 GSM depending on garment requirement.

Fabrication also includes Canvas, Twill, Bedford, Rib stop, all kinds of denim incl. ring slab, ring in twill.

We also produce all kinds of knit or woven Trousers, Denim Pants, Shorts, Skirts, Men's Underwear, boxers - in Canvas, Twill, Bedford, Rib stop, all kinds of denim incl. ring slab, ring in twill or broken.







Men's Polos, Tess & others



Men's Sweatshirts Hoodies Jackets



Men's Underwear



Men's Shorts, Pants & Pajamas









Women's Tops & others



Skirts, Shorts, Cargo & Bottoms



Women's Dresses







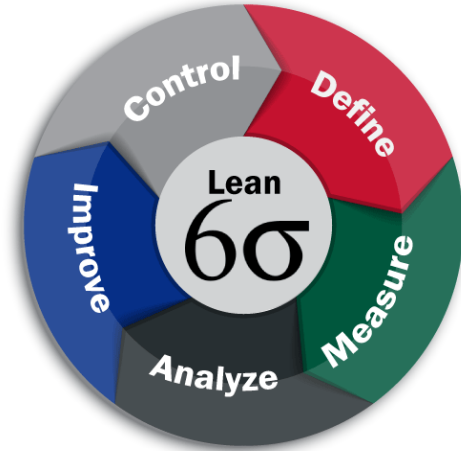
Quality Assurance builds quality into each step of the manufacturing process including designing, production, and beyond.

We understand the **Value of Quality** & **Cost of Defects**, so we **monitor & control** our complete **Value Chain System** to ensure **conformity** towards **required standards** & avoid mistakes.

Our **QUALITY** motto is **3Z** - Zero Defect, Zero Delay & Zero Complain; thus set our production process accordingly.

We ensure **QUALITY** in our –

- **Management Systems**
- **Production Process**
- **Garments &**
- **Supply Chain**

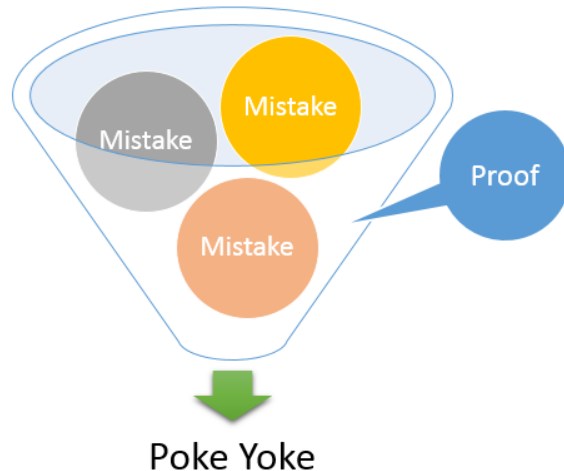


We follow ISO in our Management Systems & apply **LEAN** Production Methodology.

We are in process of setting up **Six Sigma** methodology & **TQM** (Total Quality Management) in our shop floors.

Our Quality SOP starts at the beginning of our supply chain & all the SOPs comply with Zero Tolerance to Defects.

To the extent possible, we apply 'Poka Yoke' – a mechanism in LEAM Manufacturing Process that helps an operator to avoid mistakes.



Quality SOP

Following are the list of SOPs maintained at our factory-

1. Fabrics inspection SOP
2. Shade band procedure
3. Fabrics process before cutting
4. Trim and accessories inspection SOP
5. Garments pattern making SOP
6. Fabrics relaxation, spreading & cutting procedure SOP
7. Sewing quality procedure
8. Garments measurement SOP
9. Needle controlling SOP
10. Sharp edge controlling SOP
11. Button pull test SOP
12. Button pinch setting SOP
13. Metal detection SOP
14. Mold prevention SOP
15. Finishing SOP
16. Quality control manual or SOP

Generally Pre-production, Production & Shipment samples are laboratory tested (at accredited labs. e.g. Intertek, SGS, Bureau Veritas, TUV, UL etc) to make sure our goods comply required international standards.

- **Dimensional Tests** (e.g. Dimensional Stability to Washing, Print Durability, Spirality, Twisting etc)
- **Colour Fastness Tests** (e.g. CF to Washing, Rubbing, Perspiration, Light, Dry Cleaning, Water, Bleaching, Sea Water, Pool Water etc)



Laboratory Tests



- **Mechanical /Physical Tests** (e.g. Tear Strength, Seam Strength, Bursting Strength, Pilling Resistance, Abrasion Resistance, Tensile Strength etc).
- **Chemical & Analytical Tests** (e.g. Forbidden Azo, PVC, Disperse Dyes (Allergenic & Carcinogenic Dyes), PVC, Toxic Heavy Metals, COC, Nickel, pH, Formaldehyde etc)

Quality is a relative term. It means customer needs is to be satisfied. Quality is of prime importance in any aspect of business. Customers demand and expect value for money. As producers of apparel there must be a constant endeavor to produce work of good quality.



Quality Check procedures in following Sections-

- Sampling
- Marker Making
- Fabric Spreading
- Cutting
- Sewing
- Finishing

- Maintaining buyer Specification standard
- Checking the sample and its different issues
- Measurements checking



- Fabric color, GSM, Fastness etc properties required checking
- SPI and other parameter checking
- Laboratory Testing

Quality in Marker Making



- To check notch or drill mark
- Fabric width must be higher than marker width
- Fabric length must be higher than marker length
- Matching of green line
- Check pattern size and dimension
- Matching of check and stripe taking into consideration

- Considering garments production plan
- Cutting table length consideration
- Pattern direction consideration.



- Fabric spreading according to correct alignment with marker length and width
- Maintain requirements of spreading
- Matching of check and stripe
- Lay contains correct number of fabric ply
- Correct Ply direction
- To control the fabric splicing
- Tension control



- The dimension of the pattern and the cut piece should be same and accurate
- Cut edge should be smooth and clean
- Notch should be cut finely
- Drill hole should made at proper place
- No yarn fraying should occur at cut edge
- Avoid blade deflection
- Maintain cutting angle
- More skilled operator using



Quality in Sewing



Serial #	Process	Procedure
01	Input material check	It is the first process of quality control in sewing section. Here all the input materials should be checked to complete all the sewing processes accurately.
02	Cutting panel and accessories checking	All the cutting panels and accessories should be checked here to avoid mismatching with the other cutting parts and trimmings.
03	Checking sewing machine	According to buyers approved sample, right sewing machine should be selected here to complete all the required sewing for the garments.
04	Sewing thread checking	It's a very important matter in sewing section. Sewing thread should be selected here according to buyers approved sample.
05	Sewing needle checking	Here, required sizes needle should be selected to complete fault free sewing for the garments.
06	Embroidery and printing panel checking (If there)	If there's any embroidery or print lies in the garments, then it should be checked by maintaining buyers approved sample.
07	Stitching fault checking	After making the garments, here garments checked to identify stitch fault free garments.
08	Seam fault checking	After checking stitch, all the seam of garments must be checked here.
09	Measurement checking	According to buyer's instruction, garments measurement has to check here.
10	Shade variation checking	Sometimes various types of shade variation have seen in the garments which should be checked here.
11	Size mistake checking	For submitting perfect size of garments to the buyer, an extra checking has needed here.
12	Trimmings checking	According to buyers approved sample, required trimmings of garments should be checked here to make fault free garments.
13	Interlining checking	Interlining checking should be done here by the quality inspector whether it is perfect or not.
14	Crease or wrinkle appearance checking	It is the last process of quality control in sewing section, where quality inspector confirms crease or wrinkle free garments.

Quality in Finishing Section

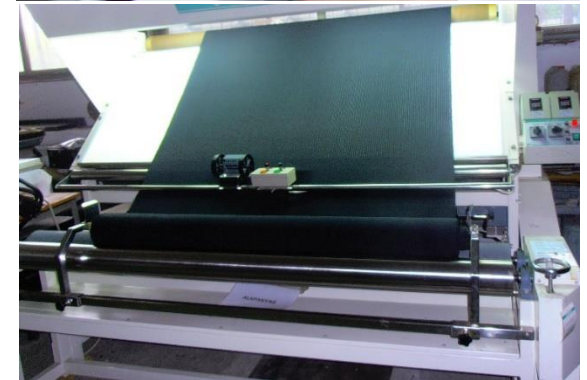


- Proper inspection of the garments including measurement, spot, dirt, impurities
- Water spot
- Shading variation check
- Smooth and unfold in pocket
- In secured or broken chain or button
- Wrong fold
- Proper shape in garments
- Properly dried in after pressing
- Wanted wrinkle or fold in lining
- Get up checking
- Collar closing
- Side seam
- Sleeve placket attachment
- Cuff attachment
- Bottom hem
- Back yoke
- Every parts of a body



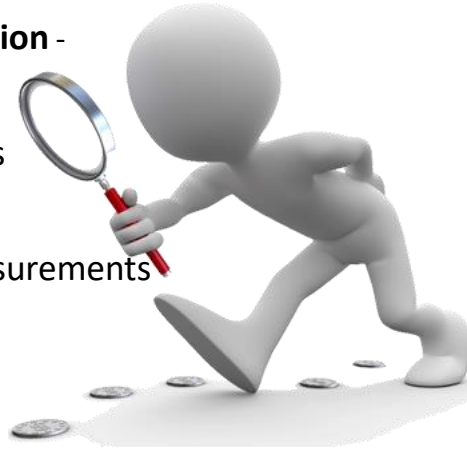
Before or Pre-production Inspection: The following parameters & defects are checked prior to cutting -

- Shade Matching
- Fabric Construction
- GSM
- Whales & courses if required)
- Diameter
- Dyeing Levelness
- Ecological parameters if required
- Softness
- Shrinkage
- Matching of Rib, Collars & Cuffs
- Fabric Holes
- Vertical & Horizontal Stripes
- Knitting defects such as missing loops, sinker lines, etc.
- Bowing
- Skewing
- Yarn defects such as thick & thin places
- Dirt & Stains



During Production Inspection -

- Verify cutting patterns
- Cut components measurements
- Cutting shapes
- Fabric defects
- Other specific parameters as required by the customers Rib, Collars & Cuffs matching
- Stitching defects
- Sewing threads matching
- Dirt & Stains
- Measurements
- Labels
- Trims & Accessories



Steps of Inspection



Final Inspection:

PACKING & ASSORTMENT:

- Wrong Model
- Wrong Quantity
- Missing labels & tags
- Wrong Size & Colour assortment
- Wrong Folding

FABRIC DEFECTS:

- Wrong Shade
- Uneven dyeing
- Holes
- Knitting stripes
- Thick & Thin places

- Dirt & Stains
- Oil stains
- Sinker line
- Poor softness
- Higher Shrinkage
- Crease Marks

WORKMANSHIP DEFECTS:

- Open seam
- Puckering
- Needle holes & marks
- Unbalanced sleeve edge
- Unbalanced placket
- Insecure shoulder stitch

- Incorrect side shape
- Bottom hem bowing
- Uneven neck shape
- Cross labels
- Broken & Missing stitch
- Insecure buttons
- Untrimmed threads & fabrics
- Poor Ironing
- Double stitch



GENERAL DEFECTS:

- Shade variation within the garment parts
- Shade variation between the garments
- Defective printing
- Defective embroidery
- Defective buttons



MEASUREMENT DEVIATIONS :

- Garment length
- Body width
- Shoulder length
- Arm hole
- Arm Opening
- Sleeve length
- Placket length
- Placket width
- Neck width
- Neck opening
- Hemming width
- IRib or Collar width



WORKPLACE SAFETY

Safety is always the top most Priority at **CLO Designs Ltd.** We consider Safety in two aspects –

Workplace & Product.

Workplace Safety: Importance of creating safe and healthy work environment is utmost important. A serious workplace injury or death changes lives forever. Health and safety is the key factor for all the industries in order to promote the wellness of both employees and employers. It is a duty and moral responsibility of the company to look after the employee's protection.



SAFETY
FIRST

Workplace Safety



At **CLO Designs Ltd** we understand the importance of the issue, so we ensure **Workplace Safety** in following major areas –

- **Building & Structural Safety**
- **Fire Safety**
- **Health Safety**
- **Electrical Safety**
- **Instrumental Hazard related Safety**
- **Ambient Air Quality & Environmental Safety**

Product Safety: It is the liability of the manufactures to ensure that the garments they manufacture are SAFE for its consumers. This is done during a number of phases including designing, raw material sourcing, process layout, manufacturing & advertising.

Unlike the nutrition facts on the back of our favorite foods, clothing doesn't come with a conveniently itemized list of ingredients. Instead as many as 2,000 different chemicals are used in the textile industry, from dyes to transfer agents in fashion manufacturing...

...many of which contain known carcinogens and hormone disruptors

are kept undisclosed and hiding within the fibers of the industry's most sought out styles.

Product Safety

By being more aware of what we are putting on our bodies, we can reduce exposure to unhealthy compounds.



Unsafe Garment can cause **serious and often life threatening injuries**. This can include but not limited to -

- **Skin Rashes**
- **Skin Cancer**
- **Choking Injuries**
- **Environmental Hazards**
- **Other Long Term Diseases**



Product Safety



Ø ZDHC
Zero Discharge of
Hazardous Chemicals

At **CLO Designs Ltd** we realize **importance of Product Safety**, so we monitor & control following major areas –

- **Raw Material Sourcing**
- **Dying & Chemicals**
- **Washing & Chemicals**
- **Chemical & Analytical Testing at Accredited Labs**

‘With Great Power Comes Great Responsibility’

It's their right to be contributed & our duty to contribute and thus we are not doing any favor -





Find us Google Maps

Google Maps Link to Us: <https://goo.gl/maps/D2LCpfZHdwB2>

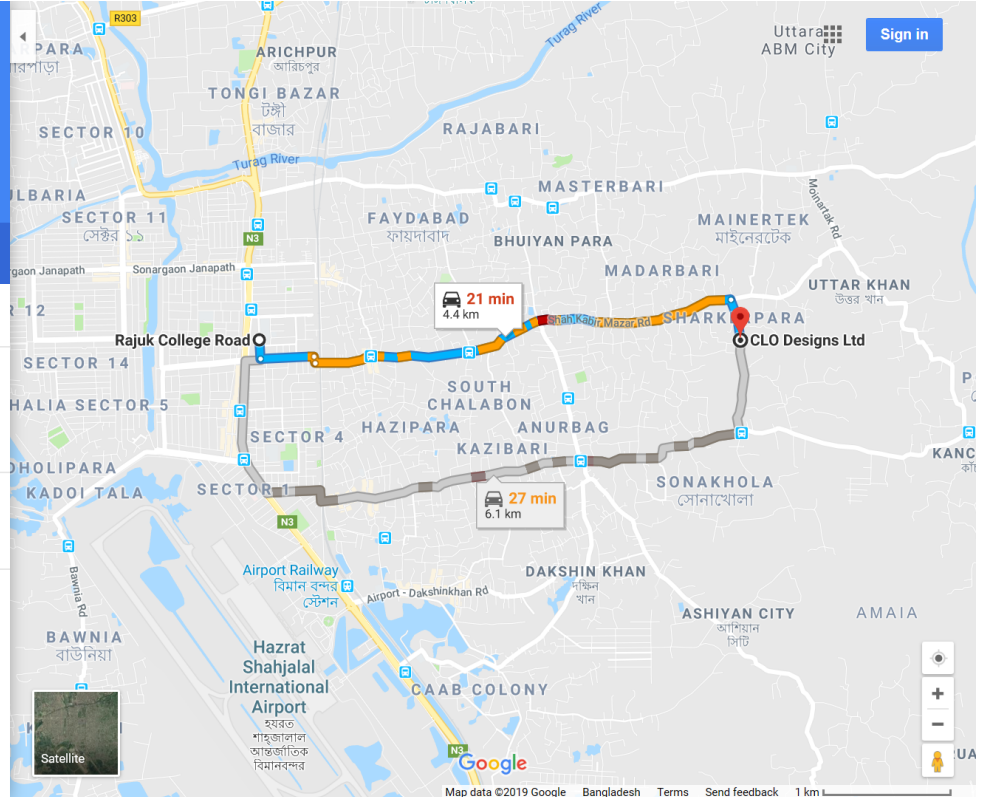
Search us on
Google as

'CLO Designs
Ltd'.

Example
Direction from
Rajuk College
road, Sector 3,
Uttara, Dhaka.

Search results for 'CLO Designs Ltd' in Dhaka, Bangladesh. The interface shows the starting point 'Rajuk College Rd, Dhaka 1230' and the destination 'CLO Designs Ltd, 226/1, Dobadia Road'. Two route options are displayed:

Route	Time	Distance
via Shah Kabir Mazar Rd Fastest route, despite the usual traffic	21 min	4.4 km
via Shahid Latif Rd Lighter traffic than usual	27 min	6.1 km



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Sl #	NAMES	QUANTITY
1	Plain Stitching Machine	75
2	Over lock Machine	65
3	T/needle (lock stitch)	4
4	T/needle (chine stitch)	4
5	Feed off the arm Sewing	2
6	Bar Tacking machine	2
7	Cylinder bed	10
8	Flat bed	16
9	Zigzag Machine	2
10	Button stitch	2
11	Rib Cutter	2
12	Snap button	2
13	Button hole	2
14	Flat Seamer (for Boxer)	4
15	Cutting machine	2
16	Steam Generator / Boiler	1
17	Elastic Joint Machine	2
18	Iron Tables	6
19	Kansai Special	3
20	Thread Sucker Machine	1
21	Electricity Generator (150 KV)	1
Total		208

