



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

TAPIO CREATION PRIVATE LIMITED

INTERNSHIP REPORT

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

BY- MANSI BANSAL

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TITLE PAGE

- This report is based on 72 days internship period at TAPIO CREATIONS PRIVATE LIMITED, Udhyog Vihar, sector-37 Guru gram, Haryana.
- Prepared by Anjali Kumari, SOAD-FD, Sem-III, K.R. Mangalam University, Sohna.
- The report is prepared under the guidance of placement and internship coordinator and internship mentor Mrs. Sushma Mishra of SOAD-FD, K.R. Mangalam University.
- Date of submission on.....

ACKNOWLEDGEMENT

First of all i would like to thanks Mrs. Sushma Mishra they sent me there for internship.

I would like to express my special thanks to Mrs. Sumedha Batra and Mr. Ravi Vaidyanathan to gave me the golden opportunity to do this Internship in Tapio. & Gave me a chance to learn.

I would also like to thank Ms. Pratikshya Behera, Mr. Anand Mohan and Ms. Tulika Katyal for being great mentors and making my journey so meaningful as well as guiding me towards great learning. Without their support, it would have been difficult job to successfully complete the training period.

INTERNSHIP CERTIFICATE

ABOUT COMPANY



Tapio Creations Pvt. Ltd.

Tapio Pvt Ltd is a design house as well as manufacturing 2009. Tapio started its first Factory (its first fully owned factory) in January 2018, In December 2019; Tapio started its 2nd factory also. They primarily deal in apparel and fashion accessories. They mainly focus on producing fashion women wear and kidswear in both woven and knits/jersey wear.

Tapio is a young company and its supply fashion garments to various retailers in India, US and Europe. Some of their major clients include ASOS (UK), Rina (), Blue Age, Bestseller, Shoppers Stop, Pantaloons. With their experienced product development, design and merchandising teams, they can offer a design to delivery solution to bring you the right product at the right time. They work on short lead times and speed-to-market extensively. Their design and development team work towards bringing freshness in young & mature fashion. They design & produce various categories of Knit & woven products. Embellishment, Prints, Garment Dyeing and Applied effects are their strengths. They have a fast responding team and have been proud of their enviable on-time delivery percentage. Tapio customers trust QA processes and 99% of all customers ask for just our certification

before sending the goods. This responsibility is catered by a dedicated team of QA professionals and the systems in place.

COMPANY EMPOWERMENT

Training is a constant need of the business and we are constantly utilizing innovative methods for training ourselves. From skill development to behavioral optimism, Tapio is constantly upgrading itself. They engage some of the best minds suited for preparing us for a better tomorrow. Our knowledge & training partners are Industry Leaders.

wazir
SKILLS

wazir
ADVISORS

 **KRISIN**
Building Powerful Leadership

Tapio has been involved with its sister concern Wazir Advisors since 2009. It has worked together on several projects of skills development and training to various clients including many ministries in the Government of India.

सशक्त (Sashakt – A Hindi Word for ‘Empowered’) is the central skill development program led by Wazir. Living up to its name, the programme trains, skills and empowers people to earn their livelihoods for life. Tapio has been involved in the program since its inception in 2009. Some key impacts of the training & skill development program run for all these years are as below.

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LIST OF DEPATMENTS

- DESIGN
- MERCHANDISE
- FABRIC DEPARTMENT
- EMBROIDERY
- SAMPLING
- PRODUCTION
- CUTTING
- STITCHING
- PATTERN MAKING
- CAD MAKING
- FINISHING

DEPARTMENT OF DESIGN

BUSINESS DEVELOPMENT AND DESIGN HEAD –

MS. PRATIKSHYA BEHERA HEAD DESIGNER

MR. ANAND MOHAN

- Fabric Cutting
- Stitching
- Finishing
- Sample Checking
- Packing and courier to buyer
- Share tracking detail

THINGS LEARNED

WHOLE PROCESS OF DESIGNING DEPARTMENT

-WHOLE PROCESS OF

SAMPLING

-WHOLE PROCESS FROM

GREIGE FABRIC TO FINISHED

FABRIC



STYLE - TP-AW21-609
FABRIC - LIVAECO VISCOSE MOSS



STYLE - TP - SS - 050812
FABRIC - MESH \ POLYESTER
DESC - PUFF-SLEEVED DRESS



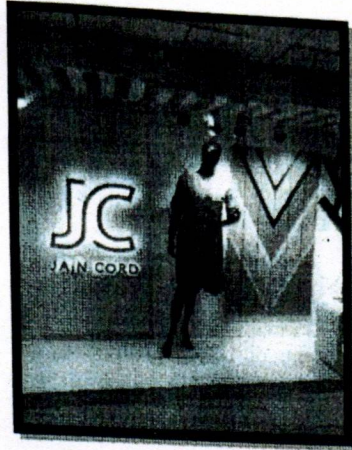
MILL VISIT

JAIN CORD INDUSTRIES PRIVATE LIMITED

MILL VISIT ON 25th September 2020

- KR MANGALAM UNIVERSITY

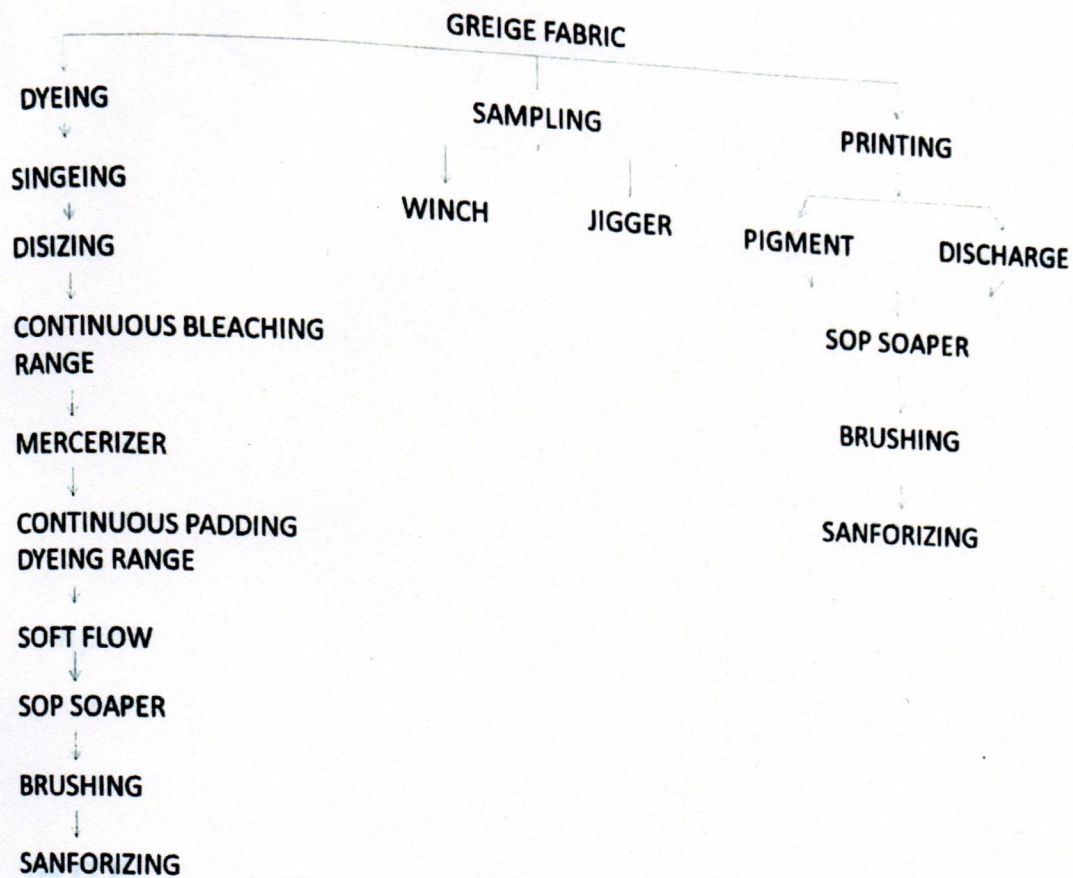
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JAIN CORD PRIVATE LIMITED

Jain Cord is a vertically integrated company committed to excellence in sustainable

manufacturing and processing of premium fabrics and garments. It is situated near Mathura kosi kalan and especially deals with Woven Fabrics.

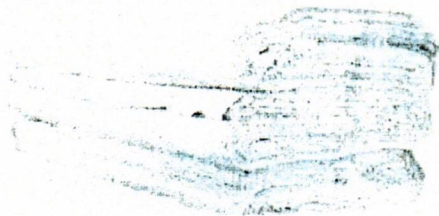


GREIGE FABRIC

Greige fabric is also known as Grey fabric.

The fabric is Unprocessed or Unfinished.

In short Raw fabric is called Grey fabric.



DYEING

SINGEING

Singeing is the process in which a flame is burnt on equal distance through which small fibers from greige fabric is removed and through this process, the ability of yarn is improved, hairiness is removed.

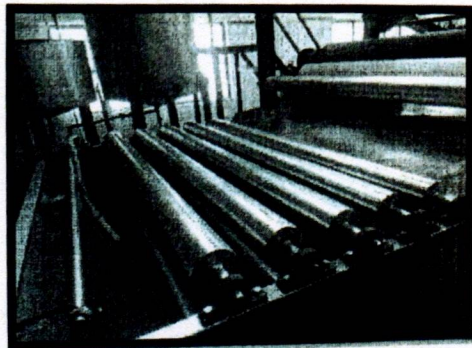
This is accomplished by passing the fiber or yarn over a gas flame or heated copper plates.



DISIZING

This is the first wet processing in the textile finishing process used to remove sized materials from the warp yarn of woven fabric.

They use POONG KWANG Company's machine for this technique.



CBR (CONTINUOUS BLEACHING RANGE)

- In Continuous bleaching range it combines the pre-treatment processes of textile like desizing and bleaching in this machine itself.

- MENZEL Company's Machine is used for CBR.
- It helps to Whiten the textile material by removing undesired inherent coloring components.

CHAMBERS THROUGH WHICH FABRIC IS SENT

1-5 (NORMAL WASH AT 90 DEGREE CELCIUS)



1 (CHEMICAL)



1 (STEAMER 100 DEGREE CELCIUS)



1-4 (NORMAL WASH)



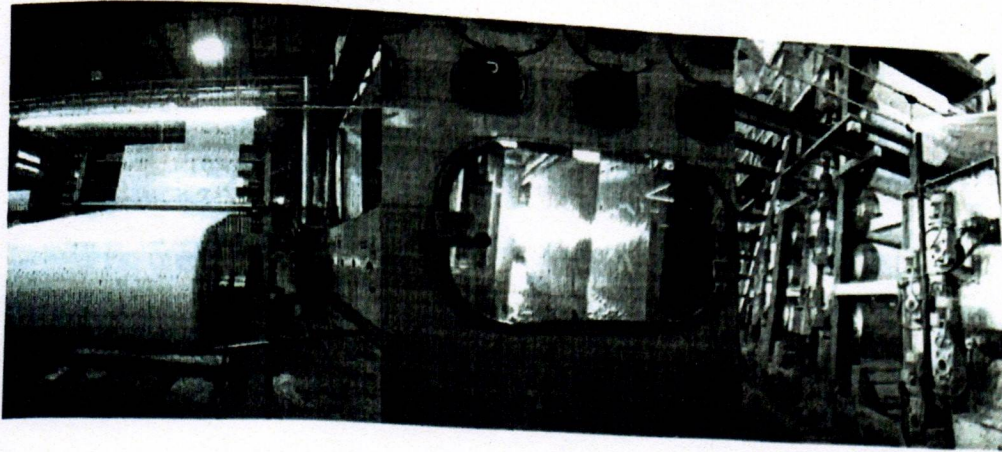
1 (ACID)



1 (BASE / NEUTRAL)

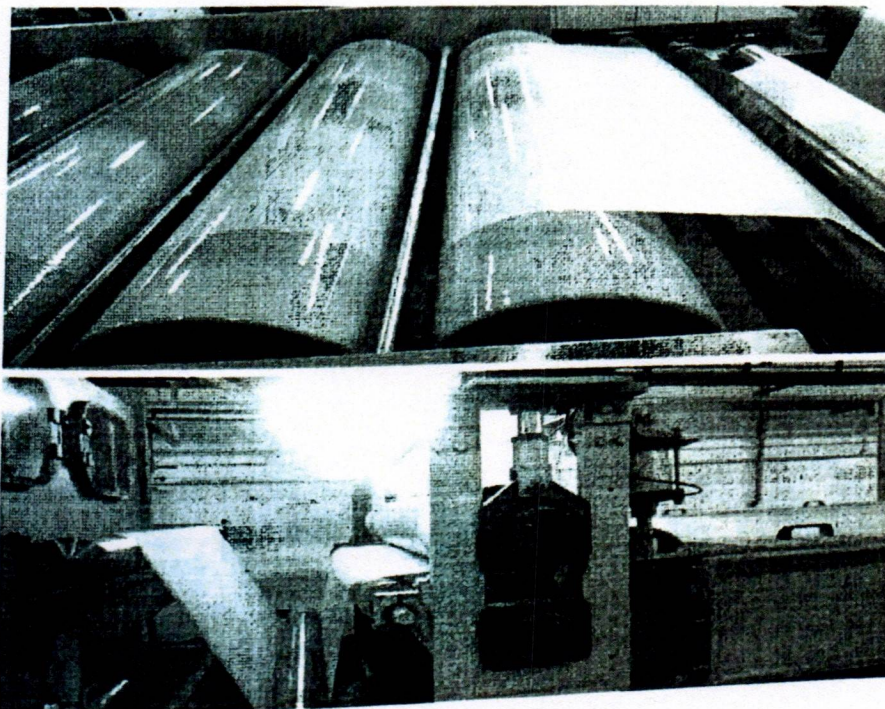


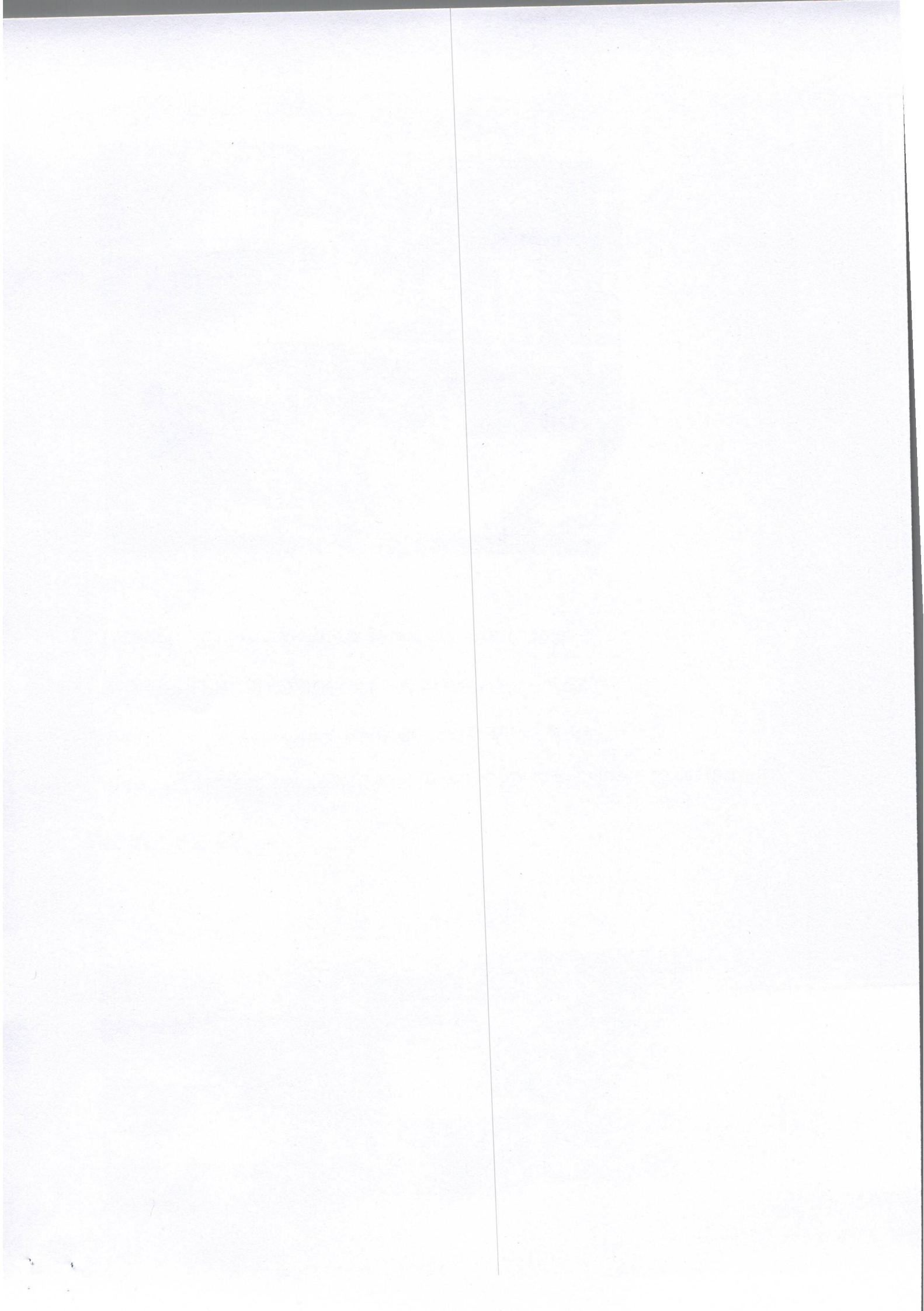
1 (WASH DRAINAGE)



MERCERIZER

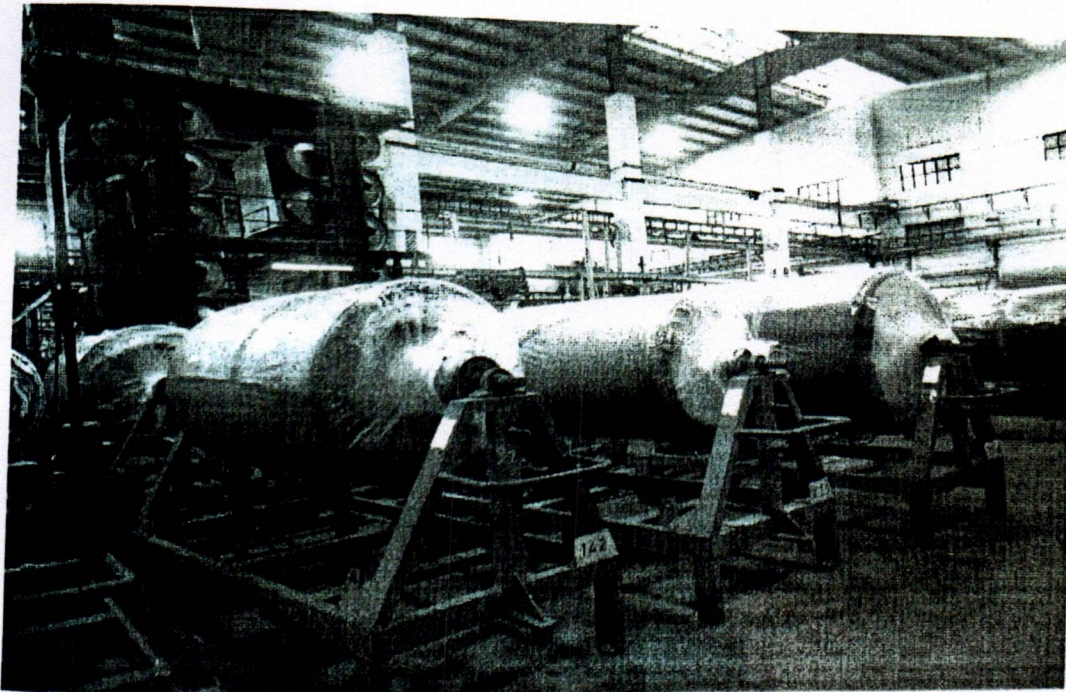
- In this fabric was swallowed so that fabric fibres got closed to get lustrous.
- It work 24 hours continue with 50,000 output per day.
- Noah (SULPHURDIOXIDE) is used to maintain the PH.
- Through this process fabric gets more stretchable.





WHAT IS PADDING IN DYEING?

- It's a process of dyeing fabrics by passing the fabrics between rollers that apply the dyestuff.
- After this, color fixing is done in continuous round way till 15 hours just to not make the fabric irregular in color .
- And it was fully packed through a air tight bag. So that, no air particles can touch the yardages. If it got in touch with the yardage it will damage the yardage like white or dull spots will be there in the yardage.

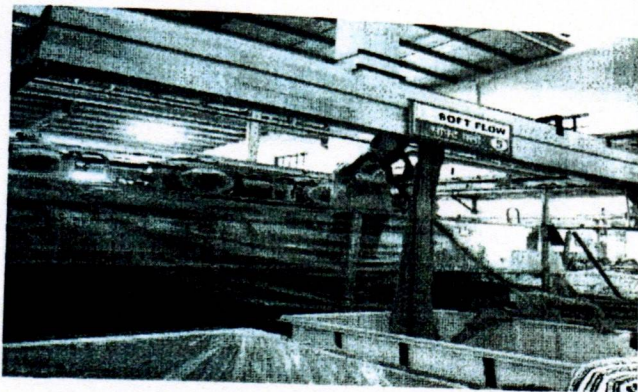


SOFT FLOW

Soft flow is done in which the yardage will pass through a roller to make it more soften or to remove crinkles.

In soft flow dyeing machine water is used to keep fabric in circulation.

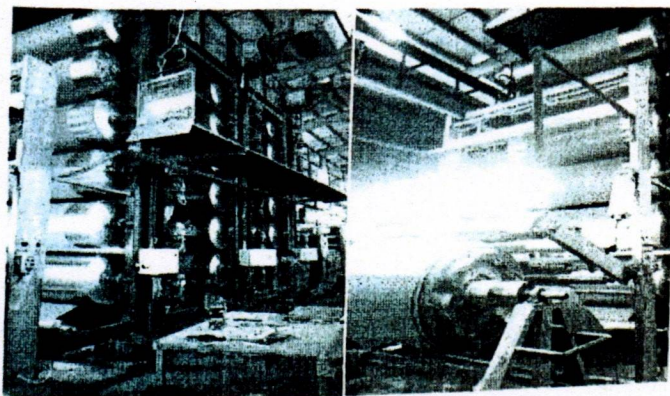
The fabric rope is kept circulating during the whole processing cycle (right from loading to unloading).



SOP (SOAPER)

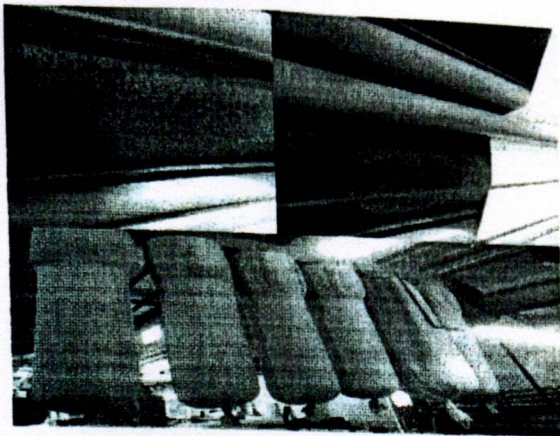
In this process, fabric is going to be smooth.

TWILL, LYCRA, GEORGETTE, CREPE, COTTON, VISCOSE, EMBROIDERED FABRIC is mostly done in this process to smoothen the fabric.



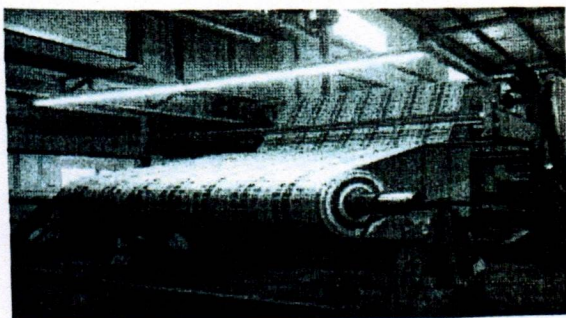
BRUSHING

- In this process only 200 above GSM fabric are gone through the rolls of brush like heavy cotton.
- Main thing is to remove lint from the fabric.
- They have 6 bags over there to collect the lint.
- The machine is DANT PAOLO.



SANFORIZING

- In this process shrinkage is controlled by the machine.
- Sanforizing is a process of pre – shrinking fabric before it is made into a garment.
- After the shrinkage controller there are chances to shrink the fabric approx +5 or -5 and the other shrinkage is controlled by this process.

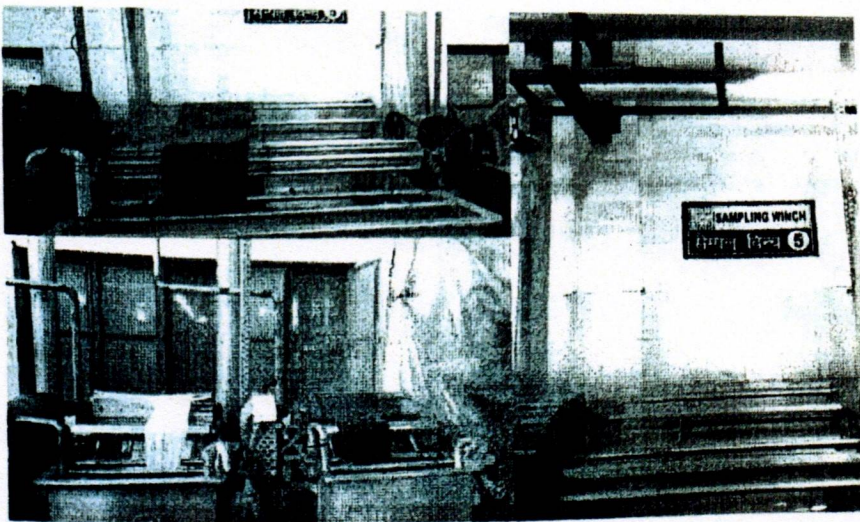


SAMPLING WINCH

- They have 5 machines of sampling winch where small yardages are dyed for some orders.
- The process was same but the amount and size of the fabric and machine has varied to small in size .
- Every process to dye fabric is done in this machine only.

SAMPLING JIGGER

- They have 30 machines of sampling jigger.
- The jigger provides for automatic change in direction of the fabric or where the sample length is too short.
- Fabric got dye in light color like white, off-white or any of the light color.
- Some woven that dyed on the jigger are- plain woven, satins, poplin, etc.



PRINTING SECTION

- There are two Rotary machines.
- We have two types of printing methods –

PIGMENT – The print is visible on one side

only and one side is must be of one color /base color.

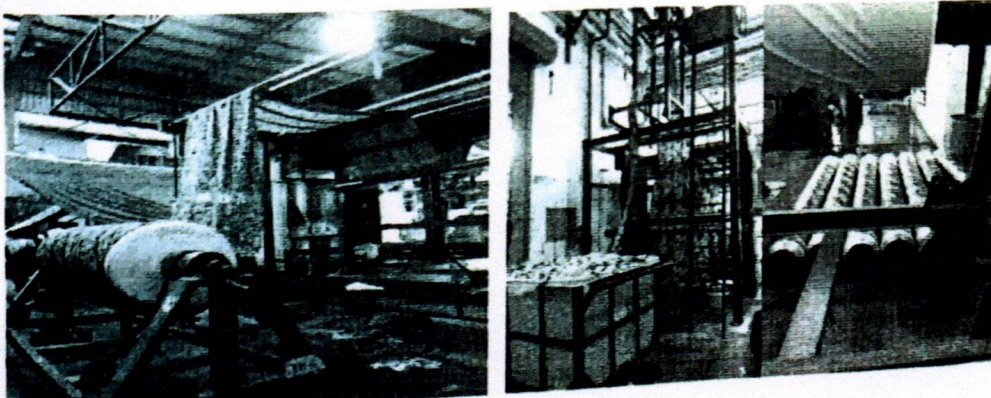
DISCHARGE – The print is visible on the both sides.

There are 12 screens for printing different colors .

Printing is a process of decorating textile fabrics by application of pigments, dyes or other related materials in the form of patterns.

The four main methods of textile printing are

- BLOCK
- ROLLER
- SCREEN
- HEAT
- TRANSFER
- PRINTING



ETP PLANT

Effluent Treatment Plant is generated in many manufacturing industries like textile; Contaminated water cannot be released without treatment as it contains toxic and non-toxic chemicals . Releasing it may cause pure water and will affect the environment.

ETP Plant plays a very important role for treating the industrial wastewater. ETP are mostly used to treat the industrial wastewater to make it reusable water or to safe discharge in to the environment.

