

The background of the entire image is a vibrant yellow with a wavy, liquid-like texture. Three industrial drill bits are positioned diagonally across the frame, from the top left towards the bottom right. Each drill bit has a silver-colored metal body with a series of longitudinal grooves. The cutting edge of each bit is a darker, reddish-brown color, likely indicating a high-speed steel or cobalt alloy. The bits are mounted on a thin, light-colored rod. The lighting is bright, creating highlights on the metallic surfaces and casting soft shadows.

UMANG BOARDS  
LIMITED

[www.umangboards.com](http://www.umangboards.com)

# ABOUT US

- ✓ Incorporated in year 1999
- ✓ The company promoters have over 4 decades of experience in transformer insulation and electrical industry.
- ✓ The company has three product divisions:
  1. Transformer Insulation
  2. Winding Wires
  3. Insulating Chemicals



**ISO  
Certified**



**NABL  
Accredited  
in  
house lab**



**40+  
Country  
export**



**200+  
Employee  
Strength**

# Our certifications



# OUR MISSION

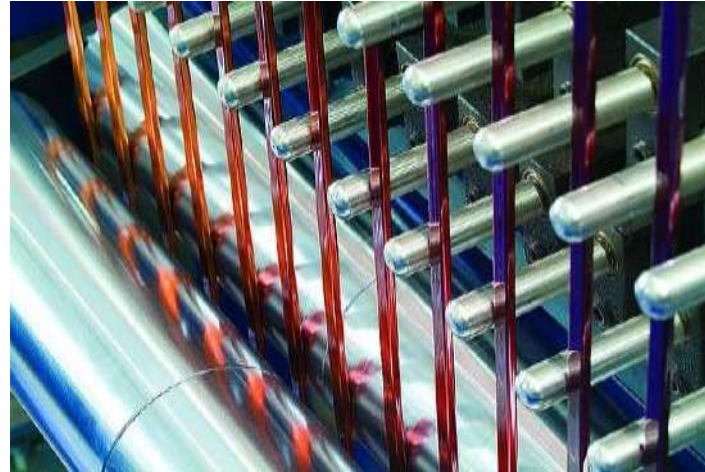
Build the Best Product



Leading The Way For Socially



To Provide Superior Quality



## Our Mission

We aim to achieve growth by providing economical and quality product to our customers. We aim to use our resources in the most efficient way possible by using high tech machines and dedicated workforce to quality and customer satisfaction. We will leverage our relationship, distribution, cost leadership and *can do* attitude to become a market leader in every business we do.



# OUR VISION

## Description

Our Vision is to be a global leader in electrical power and distribution transformer sector through the use of cutting edge technology and developing high quality products and services.



Spreading the Power  
Suitable for all categories business.



Meaning For All Individual  
Suitable for all categories business.



To Inspire Communities  
Suitable for all categories business.



All People Basic Needs  
Suitable for all categories business.



# OUR PORTFOLIO

PE

Polyester

PU

Poly  
Utherene

PEI

Polyester  
Amide

PAI

Poly Amide  
Indie

MPE

Modified  
Polyester



Satisfaction Guarantee



5 Stars Service

# In house testing laboratory

List of Equipment

- ✓ 15 KV BDV tester (Automatic)
- ✓ Twisted pair
- ✓ Uni-directional Abrasion Tester
- ✓ Mandrel winding Tester
- ✓ Motorized Elongation Tester
- ✓ Peel tester
- ✓ Spring back tester ( angular type)
- ✓ Microscope
- ✓ Cut Through tester
- ✓ Co-efficient of static friction tester
- ✓ Resistance meter
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- ✓ Jerk Tester
- ✓ 3KV DC pin hole Tester
- ✓ 12 Volt DC pin hole tester
- ✓ Edge bending tester ( both types)
- ✓ Flat bending Tester
- ✓ Shot Ball Tester

## Testing Standard :



IEC



IS



Highly Trained Professionals



# Connect With Us

## Visit us



Works Address : Khasra No. 3, 5, 7/1 & 8 ,  
Village sahibrampura via Kaladera,  
Jaipur 303801  
Rajasthan, India



Corporate Office Address : 7B bhara mata path,  
Jamna lal bajaj Marg C-scheme,  
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Insert Your Subtitle Here

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# OUR PORTFOLIO



Enameled copper  
round wire



Enameled copper  
Flat wire



Enameled Aluminum  
Flat wire



Enameled Aluminum  
round wire



Paper covered Aluminum  
Flat wire and round wire



Paper covered copper  
Flat wire and round wire



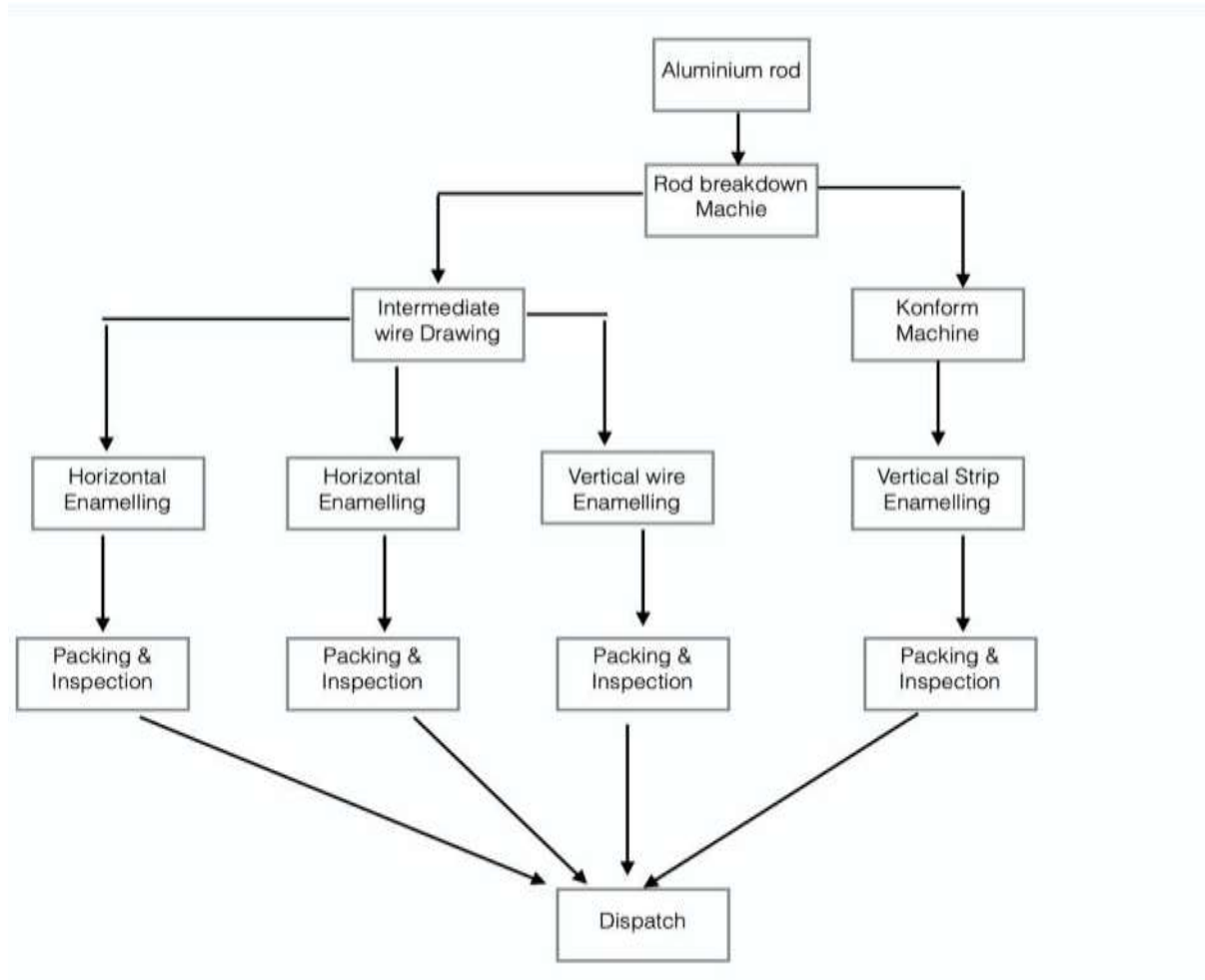
Satisfaction Guarantee



5 Stars Service

# OUR WORK PROCESS

Process flow chart



# Enameled Aluminum round wire

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## Characteristic features

1. Diameter : 0.5 mm to 5 mm
2. Insulation class : Modified Polyester ( Class130 and 155 ) , Hermetic (Class180) , Dual coat ( Class200)
3. Conductor : EC grade Aluminium
4. Spools : PT 35 to PT200

## Applications

Used in Winding for distribution transformers, motors and Electronic appliances such as AC's , TV , refrigerator and fans.

## Packing Spools

PT 25, PT 45, PT 60, PT 90, PT 200 , PT270

---



# Enameled Aluminum round wire

---

## Characteristic features

1. Size : 10 sq. mm to 80 sq. mm
2. Insulation class : Modified Polyester ( Class130 and 155) , Hermatic (Class180) , Dual coat ( Class200)
3. Conductor : EC grade Aluminum

## Applications

Used in Winding for distribution transformers, motors and Electronic appliances such as AC's , TV , refrigerator and fans.

## Packing Spools

400 mm , 450 mm , 500m

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# Paper covered Aluminum round wire

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## Characteristic features

1. Diameter : 0.5 mm to 5 mm
2. Conductor : EC grade Aluminium
3. Covering : Electrical grade insulation Kraft / crepe paper.

## Applications

Mainly used as insulation in oil cooled transformers as leads and shields.

## Variant

1. Double paper covered
2. Triple paper covered.

## Packing Spools ( Cylindrical)

PT 25, PT 45, PT 60, PT 90

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# Paper covered Aluminum Flat wire

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## Characteristic features

1. Size : 10 sq. mm to 80 sq. mm
2. Conductor : EC grade Aluminium
3. Covering : Electrical grade insulating Kraft paper

## Applications

Mainly used as insulation in oil cooled transformers as leads and shields.

## Packing Spools ( Cylindrical)

450 mm, 500 mm , 600 mm ,  
800 mm

---



# Why us?



## Spray Die technology

1. Imported Machines with **Spray Die technology** with the following benefits :
  - ✓ Even/ Smooth varnish surface
  - ✓ Nograins residue on the surface.
  - ✓ No pin holes observed
  - ✓ Higher BDV
2. The company already has more than 30 years of experience in production of Super enamelled aluminium wires and strips and DPC aluminium. wires, hence the technology Is not new to the company and it already has the expertise to produce high quality product.
3. In house laboratory with state of the art equipment's for testing as per IEC and IS standards to make sure our customers receive high quality product
4. We use high quality EC grade Aluminium rod from reputed manufacturers in the world as well as high quality insulating Varnish for our winding wire division which makes our final product of high quality.
  - ✓ For EC grade Aluminium Rod : HINDALCO , VEDANTA , BALCO , Imported
  - ✓ For Insulating Varnish : Elantas Beck India ltd , FupaoChemical Co. Ltd. (Taiwan)
5. Single reels up to 30KG.

# Plant and machinery



1. RBD machine  
2. Make : Indian



1. Intermediate Wire Drawing  
2. Make : Imported



1. Konform machine  
2. Make : Imported



1. Vertical wire enamelling Machine  
2. Make : Imported  
3. Total Lines : 28  
4. Wire range : 1.2 ~ 3.0 mm  
5. Enamelling Application Method : Dye System ( 8 - 12 pass)



1. Vertical Strip enamelling Machine  
2. Make : Imported  
3. Total Lines : 2  
4. Range : 10 ~ 80 mm Squared  
5. Enamelling Application Method : Felt System ( 13 passes)



1. Horizontal Wire enamelling Machine  
2. Make : Imported  
3. Enamel Application method : spray dye method (9 pass)  
4. Take up spools : PT 25, PT 60 , PT 90.



1. Double paper covered Strip machine  
2. Make : Indian  
3. Input paper : Insulating Kraft paper  
Insulating crepe paper

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