

adpro

ADPRO CERAMICS INDIA PVT. LTD.

An ISO-9001-2000 Certified Company

High Voltage Electro-Porcelain
Transmission Insulators and Sub-Station Insulators



about us

Power utility companies responsible for generating and transmitting & distributing electrical power through overhead lines supported on steel towers or cement poles need good quality insulators for a failure proof operation. The materials and construction used in making Insulators must not only have high dielectric strength but be sufficiently mechanically strong to withstand the high loads exerted by the conductors under all environment/ weather ageing stresses.

Adpro Ceramics specializes in manufacturing of High Voltage Electro-Porcelain Transmission and Sub-Station Insulators for the Electrical Transmission and Distribution Industry apart from Railway Electrification and Electrical Switchgear and Control Equipment makers.

At **Adpro** we take extreme care through rigorous supervision and by implementing process systems that help us achieve quality our customers demand. Every product is developed and manufactured by keeping in mind the benchmarks and standards followed by the other leading global manufacturers of Electroporcelain.

Following an uncompromising approach in selecting the critical equipments, we have imported a 350mm diameter Dearing Pugmill from **Gebruder Netzsch** and installed a **200 feet tunnel kiln**. We have a comprehensive in house testing laboratory that helps us maintain our quality standards and help in research & development work.

With a total land area of 175,000 sq feet and a built up of 50,000 sq feet we have a capacity to produce 4500 tons of porcelain per year.





Solid Core Insulators

We make cylindrical type solid core post insulators that are designed and manufactured to give unparalleled performance and reliability in the field to support conductors, busbars, disconnecting switches, and other equipment for substations. They maintain both their electrical and mechanical strength over a long period of time without deterioration.

Hollow Bushings

High Voltage Hollow bushings needed by a host of Original Equipment Manufacturers (OEM's) are manufactured including Circuit breakers, Surge arrestors etc. Such items are used to insulate conductors as they pass between overhead lines and ground based instruments such as transformers at power generating and sub-stations.



Transformer Bushings

We make a complete range of High Voltage & Low Voltage Bushings required by manufacturers of Power, Current and Distribution Transformers. They are used as the insulating elements for the transformer bushings, for nominal voltage up to 36 kV and current up to 3150 A.



Transmission Line Insulators

We produce an expansive range of High Voltage Insulators used in overhead lines. Our products include:

- **Pin Insulators:** We make complete range for application in sub-transmission and distribution lines in one piece or multipiece arrangement. They are cemented with Zinc thimbles designed to fit large and small steel head pins.
- **Disc Insulators:** used to support and insulate the conductor wires slung between the large towers that are the main stay of transmission systems. Each insulator has a malleable cast iron cap, the top of which is shaped to form a socket, attached with Portland cement mortar. A metal pin made of forged steel is cemented into a cavity on the underside of the insulator. Varying string designs as per mechanical strength requirements can be made to suit different types of polluted atmosphere.
- **Post Insulators:** Covering a wide range of application areas we manufacture pedestal type Post Insulators (also called Cap & Pin type Post insulators) for anti-contamination performance and long-term reliability. These insulators are used in Gang Operated Switches, Drop Out fuses and Isolators. They have standardized top and bottom fixing arrangements such that multi stack arrangements can also be built for sub station use.



Customized Insulators

Our abilities include designing and manufacturing **customized insulators for special purpose applications.**



Certificate of Registration



This is to certify that the
Quality Management System of

Adpro Ceramics (India) Pvt. Ltd.

C7 & C8, Basal Extension FISO Industrial Area, Basal, Jaipur
320024

has been assessed and found compliant with the requirements of

ISO 9001:2000

Approval is hereby granted for registration provided the
certification rules and conditions are observed at all times.

Certification Scope:
Manufacturing and Marketing of Insulators

Certificate No. LN-0260/09

Issue Date: 10 June 2009

Expiry Date: 17 June 2011

Authorized Signatory

Moody International Certification Ltd.

www.moody.co.uk

This one of the declarations that certifies compliance in respect of those activities covered by the declaration (signature) with
the conditions stipulated in the scope of Moody International Certification Ltd. shall be subject to regular surveillance.



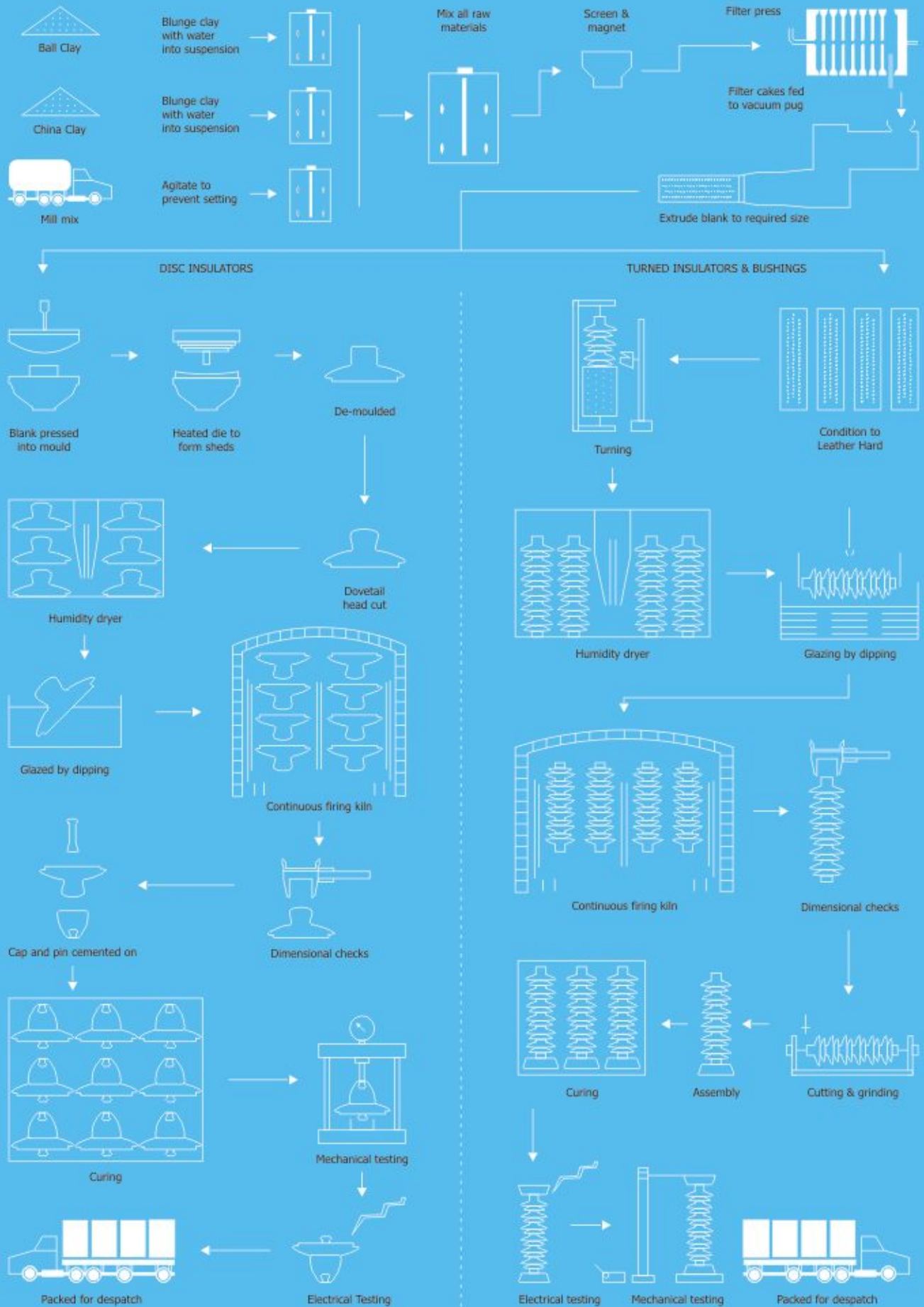
We at **Adpro Ceramics** pledge to achieve complete customer satisfaction through excellence in quality.

We wish to achieve this by:

- Providing consistent quality products and timely delivery to the customers.
- Aiming to expand our business in the insulator field by increasing the sales.
- Committing to continual improvement by improving the process, infrastructure, resources and skill of the personnel.

Quality Policy

Production Process at ADPRO





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