

# Porcelain Monorail Support insulators

## -Manufacturing Process Step 1-

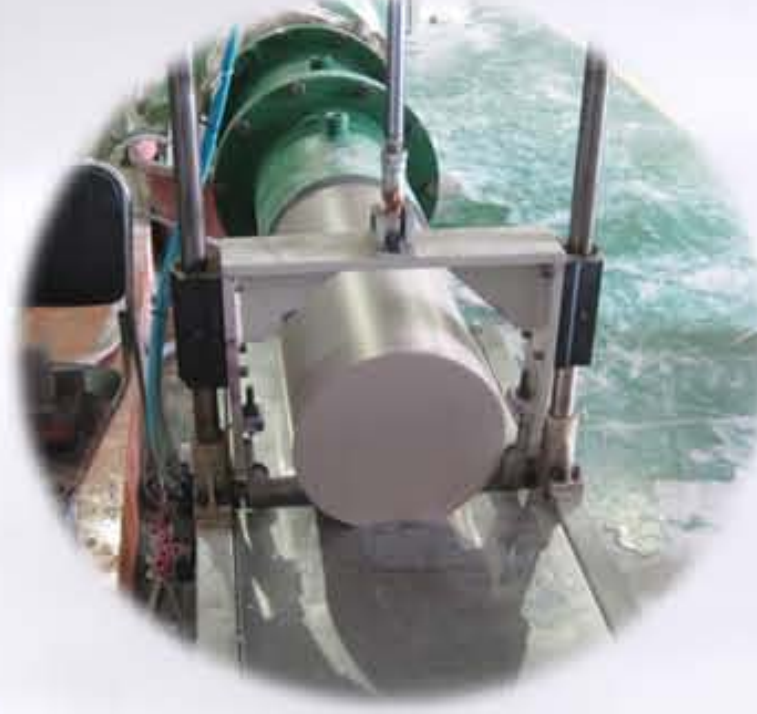
### Slip house

### De-airing

(Raw materials)



[Vacuum kneading]

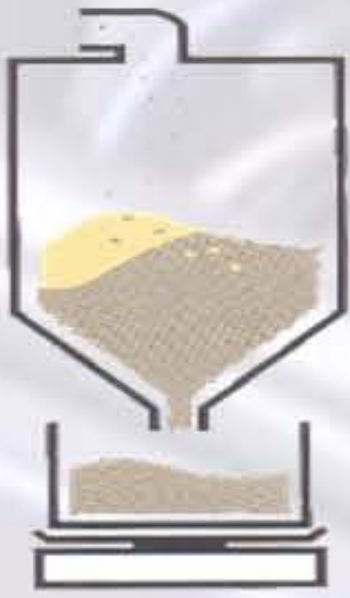


Cakes are uniformly kneaded and extruded by the de-airing pugmill.

[Sanding]



(Batching & mixing)

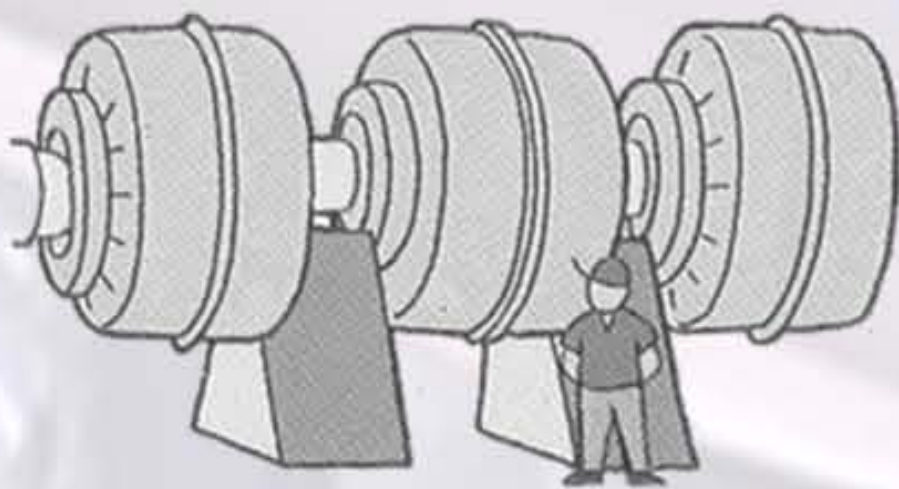


(Forming)



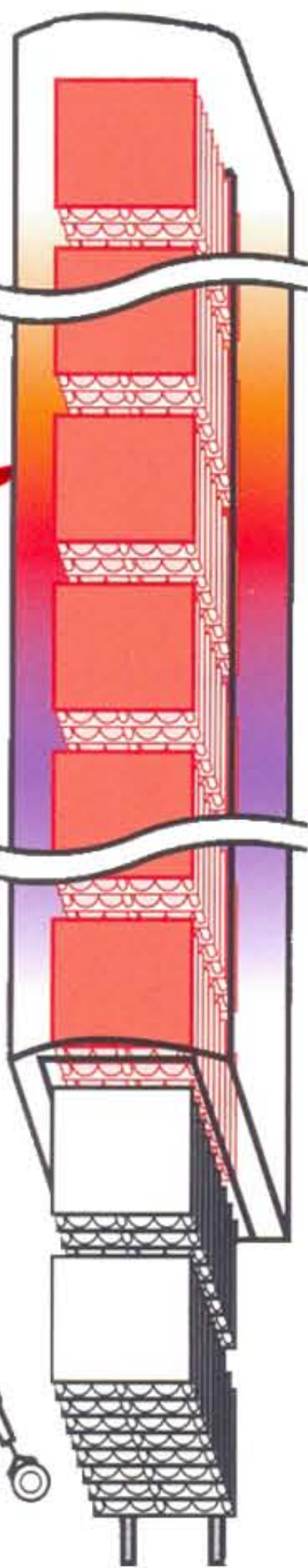
### Firing

(Ball milling)



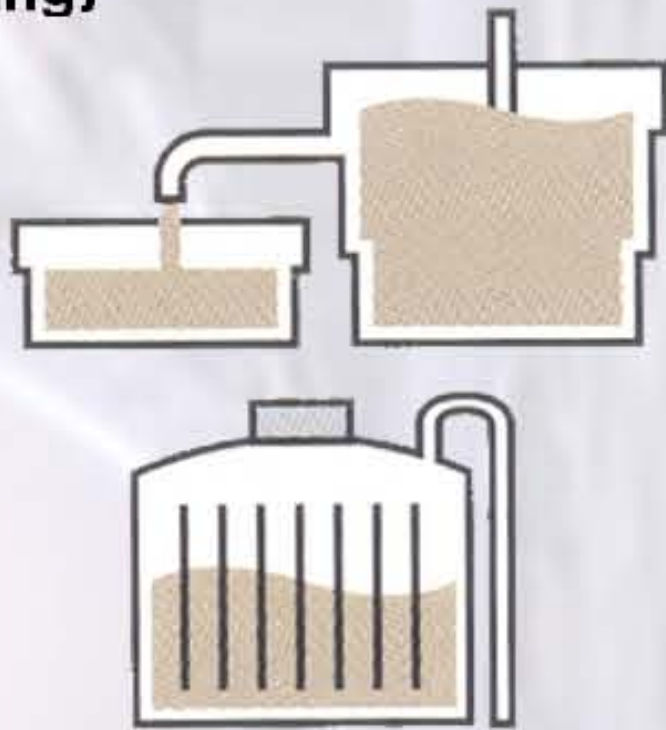
(Kiln loading)

-Typing the information (item No., color, mark, date, etc.) into the computer.



(Shuttle Kiln)

(Magnetic ferro-filtering & Vibration Screening)



(Drying)



(Firing)

- The highest temperature of firing 1,300 °C (Shuttle kiln)
- Controlled automatically by the computer.
- Re-use the waste heat for the green products while drying.

(Filtering)

To concentrate particles from a slurry.

### Glazing





# Porcelain Monorail Support insulators

## -Manufacturing Process Step 2-

### Inprocess inspection

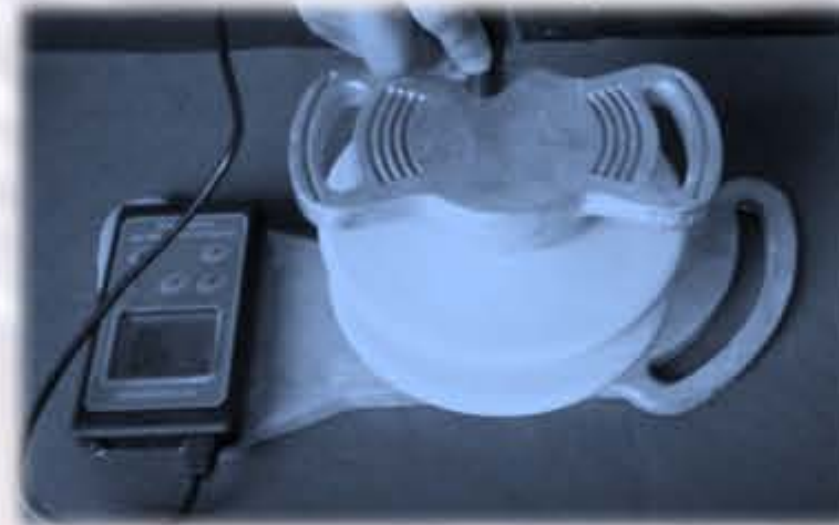
(Thermal-Shock test)



(Visual & Dimension test)



(Galvanizing test)



### Assembling

[Assembling]



(Electrical test)



(Mechanical failing load test)



(Porosity test)



### Packing

(Final inspection)



(Packing, Shipment)

