

Batch Furnace

Site of Intervention

- Tuticorin, Tamil Nadu. INDIA

Type of Intervention

- Supply, Installation and Commissioning of Batch Furnace System for Drying Application

Title of the Case Study

- ANKUR ENGINEERING SOLUTION FOR BATCH FURNACE

Objective of the Case Study

- To make gypsum drying process efficient with high quality outcome

Summary

- Our client is one of the leading mineral processing and manufacturers in the country and has several Ankur Scientific Gasifiers installed for process heat application. To increase their production & quality efficiency, Ankur Scientific has installed a Batch Furnace for drying of gypsum, for which rotary dryer was used earlier.

Choosing the Intervention - Motivation

- High quality gypsum
- Efficient drying process
- Cost effective solution
- Flexibility in operation

Description of the Intervention (150 words)

- Ankur Scientific has several Gasifiers installations at V.V. Mineral for drying application in their Rotary Dryers. The quality of gypsum they were getting was poor and hence the overall process was not viable. In 2017 Ankur Scientific has supplied, installed & commissioned the specially designed Batch Furnace for drying gypsum. This engineering solution has increased their production efficiency and product quality.

Intangible or Tangible Benefit (100 words)

- Highest quality gypsum
- Increased production efficiency
- Economically viable solution

Some photographs of the project:

