



PROCESS

FEECO was commissioned to engineer and build a custom [gypsum dryer](#) for a wallboard manufacturing plant in Oklahoma.

The dryer was designed with an inside diameter of 9'-6" and a length of 60' and was equipped with a burner and refractory-lined combustion chamber.

Due to the abrasive nature of the mined gypsum rock, the dryer flights were constructed of abrasion-resistant steel and utilized a bolt-in design for easy changeout as needed.

FEECO also incorporated a custom controls panel with a human-machine interface (HMI) to automate startup and shutdown operations, as well as fine-tuning of process efficiency and adjustment during times of fluctuation or upset.

PROJECT SPECS

Customer:

Proprietary

Equipment Supplied:

Rotary Dryer

Project Location:

Oklahoma, USA

Industry:

Mining

Material:

Gypsum Rock

Project Engineer:

FEECO International, Inc.