



## 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.