



CLAUDIUS PETERS

EM Mill User Group Training Conference

We know how

claudiuspeters.com

Time & Date:

8am - 5pm

10 November 2022

Venue:

**Plano Marriott,
Legacy Town Center,
7121 Bishop Road,
Plano, Texas 75024**

Registration:

972-715-7825

Claudius Peters' EM mills are able to grind and also calcine different gypsum raw materials simultaneously. With the anticipated transition from synthetic to natural gypsum and the need to use larger quantities of recycled materials, our technology offers a high degree of flexibility paired with consistent product quality.

This course offers a comprehensive overview of CP mills including design, operation, maintenance and overhaul.



Session 1

Design of existing CP mills and gypsum calcining process

- **Static Classifier**
- **Air flow control and measurement**
- **Direct start of mill motor**
- **Stucco cooling technology**
- Upgrade options and new CP components**
 - **Dynamic Classifier (PSD)**
 - **Mill hydraulic**
 - **Air Guide Housing (Lifetime)**
 - **VFD Mill Motor (Vibration, Power peaks)**
 - **Feed arrangement (Weighing Belt Feeder vs Trough Chain Feeder)**
 - **New Rotary Drum Cooler**
 - **Mill sizes (Update EM 42, New EM 73)**

Gypsum sources

- **Recycling Gypsum**
- **FGD**
- **Natural Gypsum**

Session 2

Energy Saving / CO₂ Reduction

- **Waste heat recovery**
- **Preheated combustion**
 - **RDC – Cooling gas**
 - **Heat exchanger- Waste gas**
- **Alternative Hot Gas Generator Systems**
 - **Electric HGG, Hydrogen Fuel**

CP Mill Operation & Maintenance

- **Maintenance activities and stock keeping**
- **Operation and Process remote monitoring**
 - **Evaluation and optimization**
- **Requirements for Remote monitoring**
 - **Remote access via CP Service Gateway**

CP Mill Overhaul

Session 3

CP organization – Where to find support

- **Dallas Team**
- **New Service Organization CP Germany**
 - **CSS / CS / Spare Parts, Service Contracts**



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