Course Information

Duration of the course: 2 days

Number of participants: approx. 10

Location of the event:
NETZSCH-Feinmahltechnik GmbH
in 95100 Selb, Germany

Course fee includes

- 2 overnight stays with breakfast
- Catering during the event
- Lunch / dinner
- Seminar documents

Seminar Fee

including hotel costs: 1,000 € + VAT

Our special Service for you

We also offer inhouse application or service seminars according to your specifications.
If you are interested, please do not hesitate to contact us.

Organization

Mrs. Sindy Tannert-Koch will be happy to advise you on all questions relating to organization

Phone: +49 9287 797 271
Mobile: +49 173 3700 748
Email: sindy.tannert-koch@netzsch.com

Seminar Dates

Service seminar in German language
20.-21.05.2025

Service seminar in English language
25.-26.11.2025

Seminar Registration

To register, please use the registration form on our website at
www.grinding.netzsch.com
or scan the following QR code:

NETZSCH-Feinmahltechnik GmbH
Sedanstraße 70 | D-95100 Selb | Germany

Phone: +49 9287 797-0 | Fax: +49 9287 797 149
info.nft@netzsch.com | grinding.netzsch.com

NETZSCH
Proven Excellence.

SERVICE SEMINAR

Optimization of Agitator Bead Mills in Operation

SERVICE SEMINAR | Optimization of Agitator Bead Mills in Operation

Contents

The goal of the two-day seminar is to teach participants how to optimize the agitator bead mill mechanically and to improve the overall process. The seminar will demonstrate how to lower both the operating costs and the likelihood of malfunction and show how the productivity of grinding systems can be increased through optimization and monitoring of essential operating parameters.

On the first day, the design and operation of agitator bead mills will be explained. A guide to preparing the unit for operation along with recommendations for service work complete the day. The effect of operating parameters on the grinding result (quality, capacity) will be explained on the second day. A practical demonstration and tips about operation will conclude the seminar.

Target group

Persons in charge of production plant, process technology and service.

We would like to invite you to a Welcome Dinner at 7:00 pm on the evening before the seminar begins.
On the first day of the seminar, we will pick you up from the hotel at 8:00 am. The seminar will start at 8:30 am at NETZSCH-Feinmahltechnik GmbH. We will provide all of the seminar materials along with detailed information regarding the program. We look forward to winding down the first day of the seminar with you with some good food and a relaxed atmosphere. Of course, snacks and lunch will be provided during the seminar.

Program | 1st Day

08.00 Pick up at the hotel
08.30 Welcome and distribution of the seminar documents, presentation of NETZSCH
08.50 Survey of NETZSCH grinding systems
09.15 Factory tour
10.00 Stations I and II
12.30 Lunch
13.30 Stations I and II
16.00 Discussion about mechanical optimization
16.30 Return to hotel
19.00 Evening program

Program | 2nd Day

08.30 Introduction to process optimization
09.00 Operating parameters
- Process methods
- Operational procedure

Pre-dispersing
10.45 Coffee break
11.00 Stations III and IV
12.30 Lunch
13.30 Stations III and IV
15.00 Problem solving - Final discussion
16.00 End of the seminar, leave-taking

Stations

STATION I

Drive
- Options
- Service
- Failures: reasons, clearance

Bearing
- Construction
- Service

Grinding chambers
- Options
- Cooling
- Wear

STATION II

Mechanical seal
- Sealing pressure system / Buffer fluids
- Design
- Pressure, temperatures

Maintenance
- Service times
- Error analysis - case example

Safety
- Performance, pressure, temperature
- Automatic operation
- Error analysis - case example

STATION III

ZETA® 10 circulation operation
- Mill preparation, start of the grinding process
- Filling level, idling power characteristics
- De-aeration, machine parameters
- Emptying and cleaning

STATION IV

Wear
- Definition
- Causes / Wear patterns

Maintenance concepts / Spare parts
- Proactive maintenance and stock-keeping
- Documentation