

Service Seminar

28. - 29.11.2012

Course information

Duration of the course: 2 days

Attendance: approx. 10

Course charge contains:

- 2 overnight stays
- Lunch / Dinner
- Seminar documents

Fee: EUR 1,000.00 + VAT

Organization

Mrs. Feig-Kirschneck will advise you in all questions.

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For more information please do not hesitate to contact us:

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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.

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Registration

- Yes, I want to take part in the service seminar "Optimization of Agitator Bead Mills in Operation" at a price of EUR 1,000.00 + VAT.

Dates:

28. - 29.11.2012

- No, I cannot take part at the dates mentioned above but would like to be informed about further dates.

Please enter the following data:

Company: _____

First and last name: _____

Tel.: _____

E-mail: _____

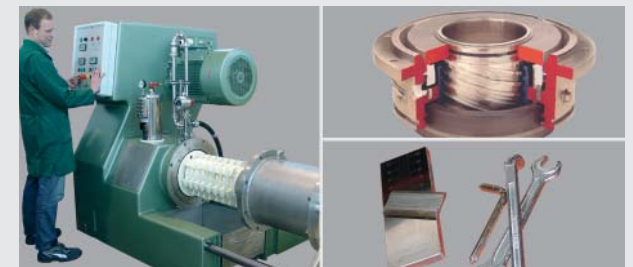
Place, date _____ Signature _____

Kindly return your filled-in registration form by fax to +49 9287 797 149

or

register online at
www.netzsch-grinding.com/seminar

- Optimization of Agitator Bead Mills in Operation -



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Service Seminar - Optimization of Agitator Bead Mills in Operation -

Contents

An educational seminar to teach participants how to mechanically optimize the agitator bead mill and to improve the complete process. It is shown how to lower operating costs and failure probability and how the capacity of grinding systems can be increased by process optimization. The construction and the function of a mill is explained in the first part. A guidance for setting up the operating condition as well as recommendations for service work complete this part. The influence of the operating parameters on the grinding result (quality, capacity) are explained on the second day. A practical presentation and advices for operation conclude the seminar.

Target group

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

Program

1st Day

- 8.15 Pick up at the hotel
- 8.30 Welcome and distribution of the seminar documents
Presentation of NETZSCH
- 8.50 Survey of NETZSCH grinding systems
- 9.15 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
- 2nd Day
- 8.30 Introduction to process optimization
 - 9.00
 - 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
 - Service
 - Wear
- Spare parts
 - Stock-keeping internal - external
 - Provident stock-keeping

Station II

- Mechanical Seal
 - Construction
 - Pressure, temperatures
- Maintenance
 - Sealing liquid
 - Service times
 - Failure analysis - examples
- Securities
 - Capacities, pressure, temperature
 - Automatic operation
 - Failure analysis - examples

Station III

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

Station IV

- *LABSTAR* LS 1 pass operation
 - Grinding media
 - Operating parameter
 - Filling level, quality determination
 - Failure sources and causes