

Learn, grow, succeed



One Source

6-25 May 2012

International Cement Production Seminar

Inspiration guaranteed!



Enrich your mind
Expand your network
Exceed your limits



Cement plants worldwide share an array of business and operational challenges, ranging from increasing plant availability and raising production to cutting energy consumption and controlling emissions. The International Cement Production Seminar at FLSmidth offers a proven method of dealing with all of these issues by exposing seminar participants to the latest methods and technologies in the cement industry. The International Cement Production seminar offers far more than dry facts and abstract techniques – it instills new ways of thinking and working that can add value to your plant's operation far into the future.

International Cement Production Seminar

COPENHAGEN DENMARK



Objective

Our goal is to provide participants with information covering the entire production process and a forum where global cement specialists can benefit from the exchange of ideas.

Target group

This seminar is for production managers, plant managers, general managers and production engineers with at least one year of experience in the cement industry.

Benefits

The experience gained at the seminar will:

- Inspire new ideas for optimizing your plant operation
- Present potential upgrading of your equipment
- Present potential modernization of your equipment
- Create a valuable network among the participants.

Seminar plan

The International Cement Production Seminar consists of more than 40 lectures, group work and discussion groups. The complete seminar is comprised of 3 modules. For all 3 modules the main areas of focus are:

- Review of the cement processes
- Function and design of main equipment, including the newest technology methods for optimization and proposals for improvements, plant modernization and plant operation
- The lectures will be supported by group work.

Features

It is possible to register for one or several modules. This modular structure enables delegates to target their needs and gain maximum benefit of the modules they choose. It is also possible to participate in one module this year and participate in the others the following years.

- Visit to two cement plants in India
- Direct contact with technical specialists
- Group work
- Intensive discussion groups
- International forum on a managerial level.

Participants

The seminar is limited to the first 45 persons who apply.

Planned Course Days for all 3 modules

6 – 25 May 2012

Module 1: 6 – 11 May

Module 2: 12 – 20 May

Module 3: 20 – 25 May

Location

Tivoli Hotel & Congress Center in Copenhagen, Denmark and a hotel during the plant visit tour (Module 2) to two cement plants in India to supplement the theoretical knowledge.

Included in registration fee for module 1 and 3 are

- Training sessions
- Seminar documentation
- Single accommodation including full board and lodging (breakfast, lunch, and dinner) at Tivoli Hotel & Congress Center, Copenhagen
- Emergency medical insurance
- Laundry service
- Free internet.

Note: The fee does not include private telephone calls, faxes, beverages outside meals, dry cleaning, room service, or extra nights.



MODULE 1:

Crushing and grinding of raw materials, coal and cement

- Types of raw materials
- Quarry operations
- Crushing and grinding
- Process and equipment for raw material handling
- Raw material grinding
- Comminution and separation theories
- Homogenisation and storage of raw meal
- Grinding theory of vertical mills and roller presses
- Cement grinding
- Coal grinding
- Dedusting of cement plants
- Safety
- Lectures will be supported by group work.

MODULE 2:

Cement chemistry and plant visit tour to 2 plants in India

- Basic cement and clinker theory
- Burnability of clinker
- Grindability of clinker
- Chemical changes in cement during grinding and storage
- Quality of cement
- Blended cement
- Influence of particle size distribution on strength & water demand
- Quality control throughout the production line
- Microscopy
- Quantitative X-ray Diffraction (Rietveld theory) - XRD
- Visit to two modern cement plants in India to supplement theoretical knowledge.

MODULE 3:

Pyro technology

- Kiln system process
- Pyroprocessing
- Kiln conversion
- Cooling of clinker
- Fuel and firing systems
- Heat and power consumption
- Alternative fuels in cement kilns
- Heat and mass balance
- Refractory linings
- Gaseous emissions from cement plants
- Process control structures
- Gas analysis
- Lectures will be supported by group work
- Collaboration with Technical University of Denmark.



Included in registration fee for module 2 are

- Visit to two modern cement plants in India to supplement theoretical knowledge
- Training sessions
- Seminar documentation
- Single accommodation including full board and lodging (breakfast, lunch, and dinner) at the hotel during the plant visit tour, module 2. If participating in both module 1 and 2, then accommodation on Saturday May 12 is included
- All transportation during the plant visit tour (basis is Copenhagen)
- Emergency medical insurance.

Note: The fee does not include private telephone calls, faxes, beverages outside meals, laundry, dry cleaning, room service, or extra nights.

Registration fee

1 module: EUR 4,645 per participant
2 modules: EUR 8,895 per participant
3 modules: EUR 12,755 per participant

Cancellation

61 days before seminar start = 0% of fee
31-60 days before seminar start = 50% of fee
0-30 days before seminar start = 100% of fee

Registration

Register online at www.flsmidth.com or contact
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