

Powder Course 2010 on Bulk Solids Handling



Arranged by Tel-Tek, Department of POSTEC (Particulate Science and Technology)

When: Thursday 4th and Friday 5th November 2010

Where: Telemark University College (Høgskolen i Telemark) Porsgrunn, Norway

Objectives

It is a fact to those who are involved in using powders and particulate materials that bulk solids do not behave as we want them to, causing irregular discharge, blockages in silos and/or conveying lines, loss of products, damages to equipments, problems in characterization and many other problems in expenses of time, money and energy. This "Powder Course" provides a detailed introduction to the subject of Bulk Solids Storage, Flow & Conveying. It also demonstrates the importance of powder flow properties measurement and applications. This course is aimed at engineers, plant operators, technologists, and engineering managers..

Program and Course Content

Date	Time	Subject
04.11.	09.00-12.00	Introduction to powder technology and bulk solids characterization <ul style="list-style-type: none">• The role of particle technology in process technology• Sampling and sample preparation• Bulk and particle characterization
	12.00-13.00	Lunch
	13.00-16.00	Particulate solids storage, flow and modelling <ul style="list-style-type: none">• Storage of powders and common silo problems• Discharge and feeding from silos• Modelling of flow in silos
05.11.	09.00-12.00	Powder transport fundamentals, applications and modelling <ul style="list-style-type: none">• Fundamentals of powder transport• Dilute and dense phase pneumatic conveying• Modelling, design and trouble shooting of conveying systems
	12.00-13.00	Lunch
	13.00-16.00	Powder processing <ul style="list-style-type: none">• Segregation of powders• Powder mixing• Comminution (size reduction, milling, etc)

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Practical information

Participants should arrange their own accommodation. Accommodation is available at Hotel Vic, Skolegata 1, 3916 Porsgrunn, Tel.: +47 35569800, E-mail: booking@vichotel.no. An early reservation is recommended.

Course fee

1 day NOK 4.500,-

2 days NOK 8.000,-

The fee includes registration, lecture notes, demonstrations, lunches and refreshments
The invoices will be sent to the participants after registration

Course material

Complete lecture notes will be provided with a USB memory stick together with printed handouts on lecture slides.

Further information

Should you require any further information regarding the course, please contact Liv or one of us:

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Registration before 27.10.2010 to:

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Name :	
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