

# Mixing, Feeding and Size Reduction of Bulk Solids, Pneumatic Conveying and Process Design Seminars 13th to 15th May 2008

## Seminar Agenda

Time	Subject	Speaker
08:45	Arrival & Registration	
09:15	Introduction and opening remarks <ul style="list-style-type: none"><li>• Domestic arrangements</li><li>• Objectives of the seminar</li><li>• Introduction of speakers</li><li>• Seminar programme</li><li>• Overview of the Gericke Group</li></ul>	Peter Brickenden
09:30	Basic principles of Pneumatic Conveying of Bulk Solids <ul style="list-style-type: none"><li>• Dilute phase conveying technology</li><li>• Dense phase conveying technology</li><li>• Gentle handling – low conveying velocity</li><li>• Avoiding segregation of blended products</li></ul>	Richard Woods
10:30	Coffee Break/Demonstration 1 <ul style="list-style-type: none"><li>• In-line sifting and conveying</li><li>• Tour of manufacturing facility</li></ul>	
11:15	Mixing & Feeding Technologies <ul style="list-style-type: none"><li>• Introduction to industrial mixing systems</li><li>• Batch mixing versus continuous mixing</li><li>• How to avoid over mixing</li><li>• Agglomeration/Granulation</li><li>• Typical mixing processes</li><li>• Feeding principles</li><li>• Feeder controls</li><li>• Continuous feeding</li></ul>	Dr. Ralf Weinekotter and Andreas Weygandt

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## Seminar Agenda (continued)

Time	Subject	Speaker
12:45	Buffet lunch	
13:30	Size Reduction and Size Control <ul style="list-style-type: none"><li>• Coarse and medium size reduction</li><li>• Fine particle size reduction</li><li>• Special applications</li><li>• Sieving and sifting</li><li>• In-line applications</li></ul>	Russ Alt
14:15	Demonstration 2 <ul style="list-style-type: none"><li>• Dense Phase Conveying</li><li>• Batch mixing</li><li>• Continuous mixing</li><li>• Size reductions</li><li>• Gravimetric feeding</li></ul>	
15:30	Designing Powder Systems for Safe Operation <ul style="list-style-type: none"><li>• Guidelines and Legislation</li><li>• ATEX Directives</li><li>• CDM</li><li>• Typical risk assessments</li><li>• System design information</li></ul>	Peter Brickenden
16:00	Questions/open forum	
16:30	Seminar close	