Bulk Solids Course Offered by IGP Institute

The IGP Institute provides state-of-the-art facilities and experience for participants.

MANHATTAN, Kan. – The IGP Institute provides professional training in the characterization, handling, transportation of bulk solids, and common solids flow problems encountered. The Bulk Solids Handling, Storage and Flow course is planned for October 27–30, 2014 at the IGP Conference Center.

“The investment the bulk solids industry has made in our facilities and programs, and the faculty expertise we have on-board at K-State, make for a winning public-private partnership effort,” says Dirk Maier, department head of Grain Science and Industry.

Participants will learn about the science and engineering of bulk solids from K-State and industry experts in practical classroom and hands-on sessions. Bulk solids handling and flow equipment are located in the state-of-the-art Hal Ross Flour Mill and O.H. Kruse Feed Technology Innovation Center. The visit will also include an on-site visit to a bulk solids handling equipment manufacturer.

“This course benefits the industry by allowing participants to fortify their skills and also understand the latest technology from the equipment industry,” says Carlos Campabadal, program specialist in grain storage and feed manufacturing at Kansas State University.

The course covers topics such as bulk solid particle and bulk properties, powder sampling, solids conveying mechanisms, powder/grain mixing and blending, flow properties of bulk solids, common flow problems, segregation in powders, caking of bulk solids, health effects of fine powders, and dust explosion hazards.

Course instructor and grain science faculty member, Kingsly Ambrose says, “The training focuses on understanding the bulk and particle characteristics of granular materials, which helps in delivering a uniform granular product to the consumer.”

To register for this course or learn about other training opportunities offered by the IGP Institute, please visit the IGP Institute website at www.igpevents.grains.ksu.edu.

In addition to feed manufacturing and grain management, the IGP Institute offers courses in the areas of flour milling and grain processing, and grain marketing and risk management.

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