IFDC Announces an International Workshop

Granular Fertilizers Production

Bangkok, Thailand

November 7-11, 2016

Registration Fees

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<th>Early Bird - Registration and Payment by September 7</th>
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<td>$1,900</td>
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BACKGROUND

The production of homogeneous granular fertilizers often involves complex manufacturing processes. There are many variables involved in the granulation process, particularly the large number of raw materials and combinations that are routinely processed in a single plant, especially for NPKs. Additionally, variations in climatic conditions, equipment design and configurations and operator skills also affect the production process and product quality.

Because granular fertilizers play an important role in fertilizer supply strategies worldwide, this workshop is organized to facilitate a better understanding of the technology and methods used for their production. This workshop will examine the specialized plant engineering and manufacturing criteria required for the production of high-quality granular fertilizers.

WORKSHOP OBJECTIVES

The workshop is designed to:

• Provide an overview on the fundamentals of granulation.
• Provide an overview of alternatives for producing granular fertilizers.
• Expose participants to various processes and equipment used in producing granular fertilizers and the unique problems encountered during production.
• Increase understanding of appropriate methods for storing and handling raw materials and products of granulated, compacted and blended NPK fertilizers, as well as the unique problems encountered in storing and handling these products.
• Examine quality issues related to producing, storing and handling granular fertilizers.

2014 PROGRAM EDITION

“Thank you for a well-presented course. I learned a huge amount and found out that there is a lot that I previously knew nothing about. I am pleased to have made contact with IFDC and would like to continue to have contact. I would like to make contact with your South Africa office”
–Managing Director, South Africa

“Very good trainers from IFDC. Always enthusiastic. No “dead time” during training. Lots of exchanges between the companies”.
–Process Engineer, Belgium

“Enjoyed the lectures and met a lot of knowledgeable people”.
–Process Engineer, South Africa

“Very good program. Much needed and new insights learned”
–Operations Manager, Swaziland

“I learned many new things from the different countries represented and their ways of thinking”
–Assistant Manager, Thailand

Thank you very much for such a great organization of this very important meeting. It was very helpful to me.
–Fertilizer Senior Analyst, Russia

“I think the program is very good as it has broadened my knowledge on other
WHO SHOULD ATTEND

The workshop is designed for:

- Engineers who are new to the fertilizer industry.
- Technical managers and engineers engaged in production, design, storage and handling of granulated, compacted and blended fertilizers.
- Quality control, process and design engineers engaged in engineering, equipment supply and revamping granular fertilizer plants.
- Entrepreneurs contemplating the establishment of fertilizer granulation production facilities.

The program will be conducted in English.

WORKSHOP CONTENT

The workshop will cover various topics including, but not limited to:

- Technology, design and equipment for the production of granular fertilizers and the incorporation of micronutrients.
- Storage and handling of granulated, compacted and blended fertilizers and the raw materials from which they are produced.
- Quality issues in production, storage and handling of granular fertilizers.
- Engineering and equipment manufacturers’ presentations on processes and equipment for producing and handling the various granulated fertilizer types.
- Presentations on closely related topics, such as physical and chemical properties of fertilizers and sampling.

2012 PROGRAM EDITION

“This is a great seminar program that adds so much knowledge to me for the application in my plant. I really appreciate all the good work of the IFDC’s staff for their hard work in making this program successful and effective”.

Quality Management Department Manager, Thailand

“The training was quite educative and interactive”

Plant Superintendent, Zimbabwe

“Overall good, rather I should say excellent.”

Global Technical Leader, Saudi Arabia

“An excellent forum where plant operators meet to exchange ideas on various challenges experienced and solutions provided either by fellow participants or the IFDC team. A well thought-out workshop”.

Managing Director, Kenya

“IFDC has covered almost all the fertilizer industry’s latest technologies. Excellent job done by them. All the staff is cooperative”.

Section Manager, Pakistan

IFDC deserves a salute for the effort and attempt they are making in the field of fertilizers.

Staff Unit Manager, Pakistan

The workshop is very interesting, and I learned a lot.

Process Engineer, Philippines
• Sessions will address DAP, MAP and NPK granulation processes with an emphasis on urea-based NPKs, as well as compaction/granulation and bulk blending.
• Field trip to granular fertilizer production facilities.

**METHODOLOGY**

Participants will be exposed to a range of topics through classroom presentations, classroom discussions, participant breakout sessions for practical problem-solving exercises and a field trip to visit granular fertilizer production and storage facilities.

**FACULTY**

The technical presentations and field trip will be conducted by three IFDC fertilizer technology specialists with more than 60 years of combined experience in the fertilizer sector. In addition, invited experts from the fertilizer industry and fertilizer equipment manufacturers will participate as faculty.

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**2010 PROGRAM EDITION**

“Fantastic workshop that greatly exceeded my expectation”.
*International Business Manager, U.S.A.*

“Overall satisfied. I will recommend to my subordinates to attend a similar training. Well done!”
*Production Manager, Malaysia*

“To all the IFDC organizers: great job! Thank you so much for all the nice efforts! I look forward to seeing you all again at the next opportunity”
*Director of Horticulture, Indonesia*

“It is very good that IFDC provides all materials in the form of “soft copy” on memory stick. BRAVO!”
*Technical and Development Staff, Indonesia*

“This program is very interesting; congratulations to the staff for a good program and good work”
*Product Development Manager, Peru*

“Thank you very much for a very professional and well-planned program”
*Senior Vice President, Israel*

“The course content is excellent and the additional info about technology (bulletins attached to the soft copy material) is highly appreciated”
*Fertilizer Imports & Marketing Manager, Tanzania*

“It was a good program, and I learned a lot from the program’s papers and mutual discussion with the participants”
**VENUE**

Situated in an ideal location of Bangkok, the Royal Benja Hotel has a definite advantage of in and out-bound transportation. The first-class hotel is conveniently located in the heart of the popular Sukhumvit shopping and entertainment area of Bangkok and offers easy access to the BTS Skytrain and MRT underground services, which enable guests to hop around without traffic. It is located only 30 minutes away from Suvarnabhumi Airport via the main expressway.

Participants will be extended IFDC’s special deluxe single room rate of 1,900 baht/net/night (approximately US $53/person/night) inclusive of international breakfast buffet, free Wi-Fi Internet in rooms, service charge and government tax. This rate is valid for reservations made no later than October 7, 2016. After this date, reservations will be subject to hotel room availability and at the best available rate. Participants are responsible for reservation and payment of accommodations at the Royal Benja Hotel.

**VISA AND MEDICAL INSURANCE**

APPLICATIONS FOR VISAS SHOULD BE MADE AS EARLY AS POSSIBLE. Participants who are not eligible to enter Thailand without a visa should apply at the nearest embassy of Thailand for a visa. All required immunizations and health formalities should be completed. Medical insurance should be obtained by participants. The training program fee does not cover any medical insurance or expenses.
COST AND ENROLLMENT

The program fee for this training course is US $2,100 per participant (inclusive of a US $250 non-refundable deposit) and should reach IFDC no later than October 7, 2016, four (4) weeks before the program is scheduled. Those received thereafter will be accepted at IFDC’s discretion and incur a late fee. Participants will be given the opportunity to take advantage of an early bird rate if registration and payment is received by IFDC prior to September 7, 2016. Please refer to the table below for pricing:

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The program fee, less the non-refundable deposit, will be refunded for cancellations made two (2) weeks before the commencement of the program. Ninety percent of the paid fee will be returned and 10 percent, in addition to the deposit, will be charged to cover administrative costs for cancellations made between two (2) weeks and one (1) week before the commencement of the program. Cancellations made less than one (1) week before the commencement of the program will receive no refund.

Registration will be on a first-come, first-served basis. Paid participants will receive priority. An organization wishing to enroll more than one participant should supply information and payment for each participant.

Payment of the program fee can be made by: (1) check or draft payable to IFDC; (2) wire transfer to IFDC’s account in the U.S.A. through First Metro Bank, 406 West Avalon Avenue, Muscle Shoals, Alabama, U.S.A., ABA number 062203955 for credit to IFDC account number 55281; or (3) major credit card – MasterCard, Visa or American Express.

The program fee covers registration, training and reference material, coffee/tea breaks, all lunches and surface transportation on field trips. The fee does not include air travel, lodging and dinner expenses, or medical and communication expenses. Participants should plan to arrive in Bangkok, Thailand, on Sunday, November 6, 2016.

ABOUT IFDC

IFDC is a nonprofit, public international organization (PIO) dedicated to increasing agricultural productivity and food production through the development and use of plant nutrients in sustainable crop production systems. Headquartered in Muscle Shoals, Alabama, U.S.A., IFDC is involved in human resource development, research and technical assistance in collaboration with public, private, national and international organizations throughout the world. IFDC has conducted more than 700 formal workshops, study tours and training programs for nearly 11,000 participants from over 150 countries since 1974. The programs have covered a wide range of subjects including integrated soil fertility management and fertilizer use efficiency, fertilizer production technology, agro-input dealerships, competitive marketing, supply chain management, investment analysis, policy reforms and numerous specialized topics.
FOR MORE INFORMATION:

Director, Training and Workshop Coordination Unit
IFDC
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Telephone: +1 (256) 381-6600
Telefax: +1 (256) 381-7408
E-Mail: training@ifdc.org
Website: www.ifdc.org

NOTE: As a nonprofit organization, IFDC does not finance or sponsor any participant.
Please PRINT or TYPE your legal name as you would like it to appear on ALL printed materials

(Dr., Mr., Mrs., Ms., Miss)    Given Name (First Name)    Surname (Last Name)

Position

Organization or Employer

Work Mailing Address

City    State    Country

Work Tel. No.:    Fax No.:    Home Tel No.: 

E-Mail:

Organization/Company Funding Your Participation

Arrival Date and Time:    Flight Number:    Departure Date and Time:    Flight Number: 

Signature of Applicant    Date

Signature of Employer/Funding Organization    Date

Note: A non-refundable deposit of US $250 is included in each program fee, which is due four (4) weeks before the program is scheduled. Thereafter, a Late Fee will apply. The program fee, less the deposit, will be refunded for cancellations made two (2) weeks before the commencement of the program. Ninety percent of the paid fee will be returned and 10 percent, in addition to the deposit, will be charged to cover administrative costs for cancellations made between two (2) weeks and one (1) week before the commencement of the program. Cancellations made less than one (1) week before the commencement of the program will receive no refund.

The program fee covers registration, training and reference material, coffee/tea breaks, all lunches and surface transportation on field trips. The fee does not include air travel, lodging and dinner expenses, visa and medical insurance, or communication expenses. All of these costs fall under participants’ responsibility.

☐ By checking this box, I acknowledge that I have read and understand the cancellation policy and program fee coverage.