

T/27.6 (2010)  
June 18, 2010

Dear Sir,

**Subject: FAI Workshop on “Process Control and Field Instrumentation in Fertiliser Industry” August 18 - 21, 2010, Goa**

Instrumentation and process control systems are undergoing change on continuous basis. The pneumatic and electronic systems were replaced with the microprocessor-based systems. Advanced instrumentation like Distributed Control System (DCS), programmable controllers and smart field instruments have not only reduced the complexities of operation but also improved the availability and reliability of the systems. The Advanced Process Control (APC) systems with the control instrumentation are available for optimization of the process parameters. This in turn helps in reduction in downtime, enhancement of safety and reliability, and reduction in overall material and energy consumption. However, with these developments, there have been many new problems encountered by the instrumentation and process engineers which require high level of skills and continuous up-gradation of knowledge. There is a vast pool of knowledge and experience available in the Indian Instrumentation and Process industry. Sharing of such knowledge and experience can help the engineers to improve reliability of the instrumentation system and optimization of plant operation.

In this context, we are happy to announce a 4-day residential Workshop on **“Process Control and Field Instrumentation in Fertiliser Industry”** during **August 18 - 21, 2010** in **Royal Orchids Galaxy Resorts, Goa**. The objectives of the Workshop are to provide engineers in the fertiliser plants an in-depth view on types of field instruments available, latest developments in measurement and control elements and experience of the existing instruments. In past programmes, we had focus on control strategy including DCS, APC, PLC, etc. Field instruments both for measurement and control are critical to the performance of control systems. The Workshop will provide ample opportunity to share information and discuss the problems faced in operation and maintenance of instruments with outside experts as well as take advantage of the in-house expertise of the industry. A session will be devoted to discuss the problems submitted by the participants.

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The Workshop is designed for engineers having sufficient work experience in the area of instrumentation, process control and operation in ammonia, urea, complex, phosphoric acid and sulphuric acid plants. The participation contribution for the four-day residential Workshop is **Rs 16,000/- (Rupees sixteen thousand only)** per person **net of tax** on double occupancy basis and **Rs. 21,000/- (Rupees twenty one thousand only)** per person **net of tax** on Single Occupancy which will include the boarding and lodging for 4 days / 3 nights in Hotel Ramada, Goa. The contribution may be sent to the FAI in form of a demand draft drawn in favour of Fertiliser Association of India, New Delhi. Kindly nominate engineers from the areas of process engineering, instrumentation and operation in your plant(s) to take advantage of this unique opportunity. A brief note about the Workshop and nomination form is enclosed.

It is requested that nomination(s) should reach us latest by July 23, 2010 by fax / email / post. The nominations received after the dates will be subject to availability of rooms in the hotel. While substitution of name with other participants is admissible, any cancellation of confirmed nomination(s) after July 30, 2010 will be charged 50% of the participation contribution. All correspondence on the subject should be sent to: Dr. S. Nand, Director (Technical), The Fertiliser Association of India, FAI House, 10, Shaheed Jit Singh Marg, New Delhi 110067, Fax: 011-26960052, Email: [tech@faidelhi.org](mailto:tech@faidelhi.org).

Thanking you.

Yours faithfully,



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Satish Chander  
Director General

**WORKSHOP ON  
“PROCESS CONTROL AND FIELD INSTRUMENTATION  
IN FERTILISER INDUSTRY”  
August 18 - 21, 2010, Goa, India**

**About the Workshop**

**1.0 Agenda for Discussion**

Workshop would include presentations from industry and instrumentation vendors.

**1.1 Presentations from Industry**

Presentations will be invited from fertiliser units on their recent experience with control valves, transmitters, sensors, flow meters, etc. Plants will also be requested to present case studies on problems faced and solved in operation and maintenance of field instruments.

**1.2 Presentations from Vendors**

Presentations from some leading vendors are being invited. Vendors would cover latest trends in measurement and control instruments, trouble shooting, maintenance contract, etc.

**1.3 Discussion**

Emphasis would be laid on discussion and exchange of experience amongst participating units on operations and maintenance problems. Participants will be required to make a brief presentation of about 10 minutes on status of field instrumentation in their plant. Discussion on experiences with products and services of various vendors and performance of various field instruments will also be included. Participants are requested to send the problems in advance which will be taken up for discussion during the Workshop.

**2.0 Accommodation**

The stay arrangements for the participants have been made at Royal Orchids Galaxy Resorts, Uttorda Beach, Salcette, Goa 403 713 INDIA, Tel: 91 - 832 - 2884 400 to 06; **Fax:** +91 8322 884407 Email: gm.galaxy@royalorchidhotel.com. It is about 18 kms from Dabolim Airport and 12 kms from Madgoan railway station. The hotel is equipped with all the modern facilities. All the meals are included in the programme fee. However, for any additional expense such as extra stay, guests, telephone calls, laundry, beverages, etc., the participants will have to pay directly to the hotel.

**3.0 Check in and Check Out**

The participants should check in on the noon of August 18, 2010 and check out by noon of August 21, 2010. For any overstay, the participants will have to pay to the hotel directly. The participants may make their travel arrangements accordingly.



## REGISTRATION FORM

Workshop on  
Process Control and Field Instrumentation Fertiliser Industry  
August 18 – 21, 2010  
Royal Orchids Galaxy Resorts, Goa

Dr. S. Nand,  
Director (Technical),  
The Fertiliser Association of India,  
FAI House, 10 Shaheed Jit Singh Marg,  
New Delhi 110067, India.  
Tel: +91-11-26567144  
Fax: +91-11-26960052  
Email: [tech@faidelhi.org](mailto:tech@faidelhi.org)

Please register the following executive (s)

The particulars of executive (s) area given below:

Sl. No.	Name	Designation	Occupancy Single / Double	Contact No. Tel / Mobile/ Email
1				
2				
3				
4				

Name of the organization:

Address:

Fax:

Email:

Enclosed Bank Draft No.....dated.....drawn on ..... for Rs.  
..... favouring "The Fertiliser Association of India" payable at New Delhi as registration  
fee for the above delegate (s) on Single/Double Occupancy (please tick) Basis.

Sponsoring authority