

T/27.6 (2024)  
9<sup>th</sup> April 2024

Dear Sir,

**Subject: FAI Workshop on “Process Control Instrumentation and Process Optimization in Fertilizer Industry” May 15-18, 2024, Ahmedabad, Gujarat, India**

There is rapid advancement in instrumentation and process control systems. Digitalization tools such as internet of things, artificial intelligence and machine learning are changing the operational and maintenance philosophies of process plants. These tools in integration with plant real time and historical data are able to provide guidance that helps in reduction in downtime, enhancement of safety and reliability, and reduction in overall material and energy consumption. Digital twin technology is not only helping to optimize the operation but also acting as an effective tool for training operators. It is essential that process control & instrumentation and its integration with advanced digital technologies should remain a focus area of plant management to achieve high level of operational reliability and efficiency. Further, there are challenges of fast obsolescence which require continuous up-gradation of systems and high level of skill & knowledge of instrumentation and process engineers. 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 keep pace with the development, improve reliability of the instrumentation system and optimization of plant operation.

In this context, we are happy to announce a 4 days residential Workshop on “**Process Control Instrumentation and Process Optimization in Fertilizer Industry**” during **May 15-18, 2024** in **Hotel Fortune Landmark, Ashram Road, Ahmedabad - 380 013, Gujarat, India**. The objectives of the Workshop are to provide engineers in the fertilizer plants an in-depth exposure to advances in instrumentation and process control technologies, identify future trends and needs, and share the operating experience of the existing systems. The Workshop will provide ample opportunity for discussion and share information on technology and problems faced in operation and maintenance of instrumentation systems. A session will be devoted to discuss the problems raised by the participants. Visit to IFFCO-Kalol fertilizer plant will be part of the Workshop.

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 fee for the 4-day residential Workshop is **USD 900/- (US Dollars nine hundred only)** per person plus 18% GST. The registration fee includes workshop material, study visit, boarding and lodging for 4 nights in Hotel Fortune Landmark, Ahmedabad, Gujarat, India. Kindly nominate engineers from the areas of process engineering, instrumentation and operation in your plant (s) to take advantage of this unique opportunity in the enclosed registration form.

Contd...2/-



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It is requested that nomination(s) should reach us latest by 6<sup>th</sup> May 2024 by mail to Mr. Manish Goswami, Chief (Technical), FAI, New Delhi, email: tech@faidelhi.org. The nominations received after the last date will be subject to availability of rooms in the hotel.

Thanking you,

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'D. Ramakrishnan', is written over the typed name.

(D. Ramakrishnan)

## Information Sheet

### **FAI Workshop on Process Control Instrumentation and Process Optimization in Fertilizer Industry May 15-18, 2024, Ahmedabad, Gujarat, India**

1. **Venue:**  
**Hotel Fortune Landmark**  
Ashram Road, Ahmedabad - 380 013, Gujarat  
Phone :(Board) 079 6682 4444  
  
Hotel Fortune is a premium hotel in located about 5 km from Ahmedabad Railway Station and 8.5 kms from Ahmedabad airport.
2. The Programme will start on 15<sup>th</sup> May 2024 at 1500 hrs and will be over by the noon of 18<sup>th</sup> May 2024 followed by lunch.
3. Presentations are invited from industry experts and leading vendor organizations.
4. Participants will also present a case study on troubleshooting/modernisation of instrumentation system in their respective plants.
5. Visit to the facilities of IFFCO Kalol plant is also included. IFFCO, Kalol was commissioned in 1974 with a production capacity of 910 MTPD ammonia and 1200 MTPD urea. The IFFCO Kalol has expanded and revamped its capacity to 1100 MTPD ammonia and 1650 MTPD urea. The ammonia plant is based on Kellogg and urea is based on Stamicarbon Technologies. The IFFCO established IFFCO-Nano Biotechnology Research Centre (NBRC) at Kalol Unit. The first nano-fertilizer plant was also commissioned at Kalol.
6. The stay arrangements have been made from the afternoon of 15<sup>th</sup> May 2024 till afternoon of 19<sup>th</sup> May 2024 (i.e. 4 nights) on single stay for additional nights will be chargeable and directly payable to the hotel. **Travel may be planned accordingly.**
7. In case any participant desires to bring spouse and children, kindly inform us in advance. The registration fee does not include stay and other incidental related to the guests. Therefore, participant has to pay for additional charges for stay and meals directly to the hotel for spouse and children as per hotel policy at the time of check out.

