

T/27.8 (SSP)
18th May, 2023

Dear Sir,

Subject: FAI Non-Residential Workshop on “Implementation of Automation in SSP Plants”, 23rd June 2023, Udaipur

Automation plays an important role in monitoring, controlling and optimizing manufacturing process in real time. Programmable Logic Control (PLC) evolved as specialized computers for modern industrial plant control system. This can be integrated with digital control valves and flowmeters. Thus, reducing the dependence on manual operation. This ensures that the inputs are being mixed in right ratios and desired process conditions are maintained which ultimately helps in improving the productivity of the plants.

The Department of Fertilizers in its direction dated 21st September 2022, mandated that all SSP units will install minimum automation in their plants in a phased manner. In the first phase SSP plants have to install the sulphuric acid control valve and flow meter, dilution water flow meter and control valve, digital rock feeder belt weighters and mixture temperature indicator/transmitters. The second phase requires installation of PLC based control system with control room, dryer inlet and outlet gas temperature indicators and emission monitoring and control systems.

The first phase was to be completed within six months and deadline to complete the phase 2 is within a year from the date of notification. Data collected by FAI shows that only a few plants have achieved the full automation and in other plants it is still under implementation. In order to facilitate faster implementation of the automation and discuss the issues in implementation of the Automation, FAI is organizing a one-day non-residential Workshop on Implementation of Automation in the SSP Plants. We have included the presentations of the experts in the field of automation and key vendors. Operational experience of Automation in the SSP plants will also be shared. A list of Topics to be covered are attached. The Workshop is designed for SSP units that are in the process of implementation and also for those which have already implemented.

The non-residential programme will be held on 23rd June 2023 at Hotel Regenta Central Mewargarh, Sajjan Garh Road, Near Biological Park, Udaipur. To defray the cost, there will be a registration fee of Rs.7500/-(Rupees seven thousand five hundred only) plus GST per participant.

We hope that you will take advantage of this unique opportunity and nominate technical executives working in the areas of production, instrumentation and technical services. The filled in registration form may please be sent to Mr. Manish Goswami, Chief (Technical), FAI, New Delhi, email:tech@faidelhi.org by 9th June 2023.

Thanking you,

Yours faithfully,



(Arvind Chaudhary)



FAI Non-Residential Workshop on “Implementation of Automation in SSP Plants”

23rd June 2023, Hotel Regenta Central Mewargarh, Udaipur.

Topics to be Covered

1. Need for Automation in SSP Plants
2. Types of Digital Control Instruments and their performance
3. Operation and Maintenance of Digital Controlled Instruments
4. Technologies and Performance of PLC based systems
5. Operating Experience of Automation in SSP Plants
6. Online Monitoring Systems for Emission Control

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The Fertiliser Association of India

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Canara Bank

Bank Details:	
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Baneficiary Address	FAI House, 10, Shaheed Jit Singh Marg, New Delhi – 110 067
Baneficiary Tel.No.	011-46005235
Bank Name	Canara Bank
Bank Address	Jit Singh Marg, New Delhi - 110 067
Bank Telephone No.	011-26960890 / 011-26960593
Bank Fax No.	011-26601661
Branch Name	Jit Singh Marg, New Delhi - 110 067
Bank Code & Branch Code	1484
SWIFT Number / RTGS	CNRB0001484
Bank Account Number	1484101006029
IFSC Code	CNRB0001484
Account Type	Saving Bank
MICR No.	110015015
Account Currency	Indian Rupees