



A Two Day Seminar on

ADVANCED BATCH PROCESS MANAGEMENT

on 17th and 18th March 2011 at Hotel Kohinoor Continental

Andheri, Mumbai

brought to you by **ISA Maharashtra Section** and **Abhisam Software Pvt Ltd**



ISA Maharashtra Section

abhisam

About the Seminar

ISA Maharashtra Section and Abhisam Software Pvt Ltd, are pleased to announce, for the first time in India, a **two day comprehensive seminar** on **Advanced Batch Process Management**, for engineers, managers and entrepreneurs who are responsible for designing, specifying, implementing and operating batch process control and management systems, in industries that predominantly have batch operations like Paints, Pharmaceuticals, Specialty Chemicals, Food & Dairy, Polymers, Agrochemicals, Oil additives, Resins, Inks and so on.

The seminar will be a great opportunity to know about the latest in managing batch processes in plants to get the golden mean of throughput, flexibility, control, transparency and operational efficiency, ultimately leading to more profits for batch operations. Conducted by respected industry professionals, this would be a unique platform to share knowledge, find out about industry best practices and network with like minded professionals.

Why this seminar?

Traditionally, Instrumentation and Control Systems development had been focused on the continuous process industries, such as Oil and Gas, Petroleum Refining, Fertilizer manufacturing, Chemicals, Power Generation and so on. Hence today there is plenty of knowledge and expertise in the Instrumentation and Controls related to these applications.

However compared to the above sectors, industries like Pharmaceuticals, Paints, Agrochemicals, specialty chemicals, lubricants, oil additives, dairy and food, etc have a large number of processes that operate in a "batch" mode, not a continuous mode. The Instrumentation and Process Control requirements for these processes are completely different.

But the techniques for control of batch processes had not developed to the same extent (as was the case for continuous processes) until the past two decades or so.

Many batch production plants used to be operated with rudimentary and semi automatic controls, with a lot of manual intervention until recently. When these plants were modernized, the same techniques of process control that worked so well in continuous process plants, were implemented in these batch plants. These were mostly control schemes such as those used to control individual process parameters such as flow, level, temperature, etc. Unfortunately, batch processes were completely different from continuous processes and consequently many of these implementations either failed or did not meet the expectations. Either way it meant lost investments and missed opportunities.

Many plants and process owners were not able to realize the full benefits of automation techniques due to such poor implementations. Unfortunately, this situation is still prevalent in many industries in India even today.

So we decided to do something about it. Hence the idea of having this seminar.

Advanced Batch Process Management-Why?

The use of advanced batch process control and management techniques like use of ISA S88 standards, advanced recipe management, properly implemented batch control systems and data integration with ERP systems will however unlock the value of assets in batch plants and make these plants much more optimal. In addition to being extremely flexible to meet today's market requirements, they can also be highly efficient, be transparent to the owners and top managers and thus be much more profitable.



This seminar is to share this extremely useful knowledge with the participants and gain these benefits

Who should participate and Why?

All professionals who are involved in the production, processing, operations and management of plants utilizing batch processes should participate. These include owners, factory managers, process control and instrumentation engineers, process engineers from industries such as paints, pharmaceuticals, agrochemicals, dairy, food and beverages, specialty chemicals, polymers, lubricants, oil additives, etc.

Engineering consultants who are involved in the design and detail engineering of batch process plants should also attend this seminar.

Automation system suppliers and their system integrators and contractors will find this seminar to be extremely useful.

This seminar would also be useful to those ERP and IT system vendors tasked with interfacing enterprise IT systems with batch process control systems in production plants.

In short, the seminar is a great opportunity for manufacturing companies who run batch production processes, engineering consultants engaged in design of batch plants, Automation and Control System suppliers to batch plants as well as their system integrators, IT companies who are engaged in ERP integration with manufacturing systems and independent automation and process engineering functions, to learn from industry best practices, share experiences and knowledge across a spectrum of industries and businesses.

Some of the topics that will be addressed in this seminar are:

- Automation Needs of Batch processes
- ISA S88 standard-how to use it to optimize batch operations
- System architecture for optimum control
- Use smart field devices to gain smart advantages
- Integration of ERP & batch process automation systems
- Real Life case studies from different industries

and much more!

ENROLL EARLY NOW BEFORE SEATS FILL UP

DO NOT MISS THIS UNIQUE OPPORTUNITY!

Detailed Agenda Day 1

Session	Details	Speaker	Organization
09:30-10:00	Registration & Fellowship with Tea/Coffee		
10:00-10:30	Inauguration	To be announced	
10:30-11:15	Automation Requirements of Batch Processes, Need for Standards based Batch Management	Mr. C.S. Limaye	Director, Supertech Instrumentation Services (I) Pvt Ltd
11:15-11:30	Tea Break		
11:30-12:15	Introduction to ISA S88 Batch Standard, Plant Model & Recipe Management	Mr. Sandeep Redkar	Global Technical Consultant, Rockwell Automation
12:15-13:00	Creating Specifications for Batch Processes	Mr. Mohan Joshi	Tata Consulting Engineers
13:00-14:00	Lunch Break		
14:00-14:45	Typical Control Schemes for Batch Processes	Mr. Amar Katkar	Hikal Industries Ltd
14:45-15:15	Control System Architectures for Batch Processes	Mr. Anirudh Telkikar	Director, Prathit Automation
15:15-15:30	Tea Break		

Detailed Agenda Day 1 (contd)

Session	Details	Speaker	Organization
15:30-16:15	Field Device Management – Intelligent Transmitters, Valves, MCC and Power Monitoring Units for Automated Batch Control	Mr. Inabasakaran Raja	Kansai Nerolac Paints Ltd
16:15-17:00	Open House/ Q and A session		

Detailed Agenda Day 2 (18th March 2011)

Session	Details	Speaker	Organization
09:30-10:15	Data Analysis and Reporting	Ms. Rupali Jadhav	Supertech Instrumentation
10:15-11:00	Batch Control System Integration with SAP and other ERP systems	Mr. Anant Rai	Price Waterhouse Coopers
11:00-11:15	Tea Break		
11:15-12:00	Case Study 1	Mr. Mehul Parekh & Mr. Yogesh Rathi	Emerson Process Management
12:00-12:45	Case Study 2	Mr. Ashutosh Kshirsagar	Rockwell Automation
12:45-13:30	Case Study 3	Mr. P I Mathew	Schneider Electric
13:30-14:30	Lunch Break		
14:30-15:15	Case Study 4	To be announced	Siemens India Ltd
15:15-16:00	Case Study 5	To be announced	ABB Ltd

Detailed Agenda Day 2 (contd)

Session	Details	Speaker	Organization
16:00-16:15	Tea Break		
16:15-17:00	Open Discussion / Q & A Session		

HOW TO PARTICIPATE

A nominal participation fee is applicable as follows:

Individuals (Non ISA members): Rs. 8500/- only per participant

ISA Regular Members: Rs. 7000/- only per participant

Early Bird Discount: If you register and pay before 1st March 2011, get a 10% discount.

Group Discounts: Two nominations from the same organization get a 10% discount. Three or more nominations from the same organization get a 15% discount.

IMPORTANT!

Please note that:

- 1. Group discount will not be applicable to ISA members, as they are already getting a substantially discounted rate.** Therefore, a participant can choose either to avail the ISA member discount or the group discount –both will not be applicable to the same participant!
- 2. The ISA Member discount can be availed of ONLY BY THE MEMBER**-it cannot be used to nominate colleagues, subordinates, etc.
- 3. Early bird discount & Group Discounts CAN be combined.** Therefore if for example a group of three non ISA members book before 1st March 2011, then they can participate at a cost of just **Rs.6500 only!**
- 4. The organizers reserve the right to discontinue the early bird discount even before 1st March 2011 if the number of bookings nears the hall capacity.**

The Costs given above include the access to the seminar for **TWO FULL DAYS** along with Tea/Coffee, Lunch and the cost of printed materials, media, etc. It does not include costs of travel and stay.

Payment can be made by DD/Cheque favouring ISA International Maharashtra Section, payable at Mumbai .

Please send it to

ISA International Maharashtra Section
F - 12, Sector 5 Market
Vashi - 400703
Navi Mumbai
Phone : 022-27827428

Alternately, please transfer funds via net banking to ISA International Maharashtra section's account with HDFC Bank Account No 05401000197855 (RTGS/NEFT IFSC : HDFC0000540). Please send an email to isa.maha@yahoo.co.in after you send the payment, mentioning the amount transmitted, name of participants and the organization.

MORE INFORMATION

Questions? Please contact any of the following persons:

Mr. Agarwal on 022-27827428

Mr. Mandar Phadke on 7208060349 or 022-21732956

Mr. Aniruddha Telkikar on 022-25970275 or 9820118962

Ms. Aasavari D'penha on 022-41550111

Mr. Warriar on 9867299020

Or send an email to mail@abhisam.com or batchseminar@abhisam.com

ALL PARTICIPANTS WILL GET A

CERTIFICATE OF PARTICIPATION