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## 2<sup>nd</sup> Technical Conference on

### AIR POLLUTION CONTROL & MONITORING – ISSUES & SOLUTIONS

May 3-4, 2012

Venue - FICCI, Federation House, Tansen Marg, New Delhi

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#### INTRODUCTION

Deterioration in air quality due to pollution is a pertinent global problem. Reducing industrial emissions so as to minimize its environmental & health effects is a major concern in developing economy like India. Many Industries in India are inadequately equipped with Pollution Control Measures. There are a number of Air Pollution Control and Monitoring Technologies available in the market, but it is difficult to make decisions in choosing the most suitable technologies, especially due to absence of comparative assessments, expert's opinions and lack of knowledge on efficient latest technologies. Many large polluting industries have some Pollution Control Plants installed already but could not be used properly either for deficiency in equipment design or deficiency in the system design or both. The System Design plays the most important role in the performance of the Air Pollution Control Plants. Wrongly designed systems never improve the environmental conditions, even if we use highly efficient collecting equipment. Therefore, Improvisation and innovative ideas for air pollution prevention, control & monitoring are the requirements of the day. With proper know-how it is possible to improve the performance of the existing plants through minor modifications of equipment or the systems or both.

#### OBJECTIVES

- ❖ To address various issues & problems related to Operation and Maintenance of Air Pollution Control & Monitoring Equipments
- ❖ To provide extensive knowledge to participants for selection of APCDs and optimizing the use of air pollution control systems to ensure maximum efficiency and productivity
- ❖ To highlight and share the latest technologies available for Air Pollution Control and Monitoring
- ❖ To learn basics of various types of APCD Designs, to enable assess the suppliers offers
- ❖ Cost effective control of fugitive emissions

#### PROGRAM DURATION & VENUE

<b>Date</b>	:	May 3-4, 2012 (Thursday & Friday)
<b>Time</b>	:	Day 1 (10.00 am – 7.30 pm) and Day 2 (10.00 am – 5.00 pm)
<b>Venue</b>	:	FICCI, Federation House, Tansen Marg, New Delhi-110001

#### KEY RESOURCE SPEAKERS

The faculty would include professionals from CPCB, MoEF, FICCI, Chemtrols, Forbes Marshall, Frost & Sullivan, Thermax, DISA, NTPC, Horiba, Fisher Klosterman, Envirotech, NEVCO, Agilent, Industry experts and some international agencies.

#### PARTICIPATION FEE

To meet the expenditure, a participation fee of Rs 9,000/- per participant (Rs 8000/- per participant if 2 or more participants are being nominated from the same organization) is charged (**service tax is applicable extra as per the Government of India rule**) which shall be payable by Cheque/DD drawn in favour of 'Federation of Indian Chambers of Commerce and Industry' payable at New Delhi. A discount of 25% is applicable for FICCI Corporate Member Organizations and 15% discount for other FICCI members. A discount of 20% is applicable for SMEs, R&D & Academic Institutes. The organizations can avail the discount in any one category. **The last date for sending nominations is April 30, 2012.**

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## WHO SHOULD ATTEND

Professionals dealing in Air Pollution Control from Industries, Air Pollution Control Consultancies, Air Pollution Control Technology Suppliers, Continuous Emission Monitoring System (CEMS) Suppliers and Manufacturers, Central and State Pollution Control Boards, Government Ministries/Organization, Hospitals, Offices and Commercial Buildings, R&D and Academic Institutions and Large/Medium/SSI like:

- |                        |                        |                       |
|------------------------|------------------------|-----------------------|
| ❖ Cement               | ❖ Foundries            | ❖ Pulp & Paper        |
| ❖ Chemical Plants      | ❖ Iron & Steel         | ❖ Pesticides Industry |
| ❖ Thermal Power Plants | ❖ Dye Industry         | ❖ Rice Mills          |
| ❖ Oil Refineries       | ❖ Sulphuric Acid Plant | ❖ Metallurgy          |
| ❖ Petrochemical Plants | ❖ Smelting Units       | ❖ Mining              |
| ❖ Pharmaceutical       | ❖ Rayon Industry       | ❖ Textiles            |
| ❖ Aluminium            | ❖ Fertilizer           | ❖ Sugar etc.          |

## TENTATIVE PROGRAM

DAY 1 (May 3, 2012) – 10.00 am – 07.30 pm	DAY 2 (May 4, 2012) - 10.00 am – 05.00 pm
<b>Registration (9.00 am -10.00 am)</b> <b>Inaugural Session</b> <b>Technical Session I : Introduction to Air Pollution Issues and Reduction at Source</b> <ul style="list-style-type: none"> <li>○ Air Pollution Standards and Regulatory Issues</li> <li>○ Air Pollution Prevention &amp; Control by improving combustion</li> <li>○ Controlling Fugitive air Emissions at Source</li> </ul> <b>Technical Session II: Advanced Air Monitoring Techniques</b> <ul style="list-style-type: none"> <li>○ Continuous Emission Monitoring Systems</li> <li>○ Ambient Air Quality Monitoring</li> <li>○ Laboratory Analytical Instruments</li> <li>○ Air Quality Modelling Techniques</li> <li>➤ <b>FIELD VISIT (6.00 pm – 7.30 pm)</b></li> </ul>	<b>Technical Session III: Advancements in Air Pollution Control Technologies</b> <ul style="list-style-type: none"> <li>○ Latest Advancements in Filtration Technologies</li> <li>○ Technologies for Control of Gaseous Air Pollutants</li> <li>○ Ultra High Efficiency Cyclones &amp; Scrubbers</li> <li>○ Membrane Technology in Air Pollution Control</li> </ul> <b>Technical Session IV: Design Modifications for Improving Efficiency of Existing APCDs</b> <ul style="list-style-type: none"> <li>○ System Modifications for Bag-Filters</li> <li>○ System Modifications for Cyclones &amp; Scrubbers</li> <li>○ Efficient Electrostatic Precipitators for Thermal/ Captive Power Plants</li> <li>○ Operation &amp; Maintenance of Air Pollution Control Equipments</li> </ul>

## CALL FOR PAPERS

- Papers are invited on the subject/ topics of the technical Conference with specific suggestions and recommendations for selection through FICCI's Technical Committee.
- The selected papers will be incorporated in the 'Proceedings' (in CD) for distribution among all the participants.
- Papers must be limited to 10 double-spaced pages, using 12-point font and in any version of Microsoft Word. Send a soft copy of the article by e-mail (including brief particulars of the author/s) on or before April 20, 2012 to **Ms. Karishma Bist (karishma.bist@ficci.com) / Ms. Sugandha Arora (sugandha.arora@ficci.com)**

**For participation kindly contact or send duly filled in Registration form on or before 30/04/2012 to:**

**Ms Karishma Bist (Dy. Director) / Ms Sugandha Arora (Project Coordinator)**

**FICCI-Resource Conservation & Management**

Federation House, Tansen Marg, New Delhi-110001, Tel: 011- 23357394/23487510, Fax: 011-23359734

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**BRANDING OPPORTUNITIES**

The event would provide you an ideal and perfect platform to enhance your company image and create brand awareness for your products and services among existing and new customers. The following benefits would be provided to the Event Partner and Sponsors. The sponsorship fees are also mentioned below:

<p align="center"><b>EVENT PARTNER (INR 5,00,000)</b></p> <ul style="list-style-type: none"> <li>❖ Address by Company Representative in the Program Inaugural Session</li> <li>❖ Opportunity for Speakers slot in Two Technical Session (Related to their company profile)</li> <li>❖ Display of Company Logo as 'Event Partner' at program Backdrop</li> <li>❖ Inside Front Cover Advertisement in the Background Paper</li> <li>❖ Complimentary Participation for 10 Delegate</li> </ul>	<p align="center"><b>CO-PARTNER (INR 3,00,000)</b></p> <ul style="list-style-type: none"> <li>❖ Opportunity for Speakers slot in One Technical Session (Related to their company profile)</li> <li>❖ Display of Company Logo as 'Co-Partner' at program Backdrop</li> <li>❖ Inside Back Cover Advertisement in the Background Paper</li> <li>❖ Complimentary Participation for 4 Delegates</li> </ul>
<p align="center"><b>KIT SPONSOR (INR 1,00,000)</b></p> <ul style="list-style-type: none"> <li>❖ Opportunity for Speakers slot in One Technical Session</li> <li>❖ Display of Company Logo as 'Kit-Supporter' at program Backdrop</li> <li>❖ Company's Name and Logo will be Printed in the Delegate Kit</li> <li>❖ Complimentary Participation for 3 Delegates</li> </ul>	<p align="center"><b>SESSION SPONSOR (INR 75,000)</b></p> <ul style="list-style-type: none"> <li>❖ Opportunity for Speakers slot in One Technical Session</li> <li>❖ Display of Company Logo as 'Session Supporter' at program Backdrop</li> <li>❖ Complimentary Participation for 2 Delegates</li> </ul>

**In addition, all Supporters would be entitled to the following Benefits:**

- ❖ Inclusion of company brochure, literatures, pamphlets in the program documentation pack
- ❖ Acknowledgement in the Background Paper, which will be distributed to the registered participants
- ❖ Acknowledgement and placement of partner/supporter logo on FICCI website
- ❖ Opportunity for business development and networking with industrial representatives

**For participation kindly contact or send duly filled in Registration form on or before 30/04/2012 to:**

**Karishma Bist (Deputy Director) / Sugandha Arora (Project Coordinator)**

**FICCI – Resource Conservation & Management**

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