



**Centre for Continuing Education Services**  
**National Council for Cement and Building Materials**  
**(Under Administrative Control of Ministry of Commerce & Industry, Govt. of India)**  
34 Km Stone, Delhi-Mathura Road (NH-2), Ballabgarh -121 004 (Haryana), INDIA  
**Phone:** +91-129-4192245/469/468/467, 2241453; **Fax:** +91-129-2302300(D), 2242100, 2246175  
**Email:** cceb@ncbindia.com; **Website :** www.ncbindia.com

Ref : CCE-02/STC-16/Cem/B/2018  
14 June 2018

Sub : Training Programme on “**Technologies for Reducing PM, NO<sub>x</sub>, SO<sub>x</sub> and CO<sub>2</sub> in Cement Industry**” to be held at NCB-Ballabgarh from **02-03 August 2018**.

### **CALL FOR NOMINATIONS**

Dear Sir/Madam

NCB's Centre for Continuing Education Services (CCE) is organizing a two-days Training Programme on **Technologies for Reducing PM, NO<sub>x</sub>, SO<sub>x</sub> and CO<sub>2</sub> in Cement Industry** at our **Ballabgarh Unit** commencing from **02-03 August 2018**.

The course aims at imparting knowledge on Technologies for reducing PM, NO<sub>x</sub>, SO<sub>x</sub> & CO<sub>2</sub> in Cement Industry. It is designed for environment and process engineers working in the area of control of emissions/process optimisation in the plant operation. A brief note setting out the course contents, venue, fee etc is enclosed for your perusal. The programme will bring together the professionals of various organizations from all over the country to share their experience and exchange of ideas.

We hope you will find the programme beneficial and nominate as many participants as possible from your esteemed organization. Please send us the nominations well in advance, preferably before **26 July 2018**, by returning the duly filled enrolment form (enclosed), as it will help us to plan and conduct the programme in the best possible manner.

Thanking you and assuring you of our best services.

Yours faithfully  
For National Council for Cement and Building Materials

Dr. N K Tiwary  
General Manager  
Centre for Continuing Education Services  
Mobile : +91- 9312241224

Encl. : a/s

NCB UNITS

#### **Hyderabad**

NCB Bhawan, Old Bombay Road, Gachibowli, Hyderabad-500008, Andhra Pradesh, India  
Phones: +91-40-23180405/429/426/400; Fax : +91-40-23000343 ; Email : hyd2\_ncbhyd@bsnl.in

#### **Ahmedabad**

Smeet Bungalows, B/h Planet House-2 (PH-2), Opp. Shukan Shubh-Labh Apt., Off. Judges Bungalows Road,  
Boadakdev, Ahmedabad 380054, Gujarat, India  
Phone : +91-79-26855840; Telefax : +91-79-40305841  
E-mail : brcncb@rediffmail.com

*PTO*



CCE-02/STC-16/Cem/B/2018

## Technologies for Reducing PM, NO<sub>x</sub>, SO<sub>x</sub> and CO<sub>2</sub> in Cement Industry

### Intended for

Environment Engineers, Chemical Engineers, Process Engineers

### Objective

The programme aims at imparting knowledge of various technologies for reducing NO<sub>x</sub>, SO<sub>x</sub> & CO<sub>2</sub> in Cement Industry.

### Course Contents

- Air Pollution control devices and their performance improvement
- Methods for emission monitoring
- Types of NO<sub>x</sub>, SO<sub>x</sub> & CO<sub>2</sub> in Cement plant
- Reduction of emissions through process optimization
- SNCR Technology & SCR Technology
- Use of Low NO<sub>x</sub> Burners/Calciner
- Technologies for control of SO<sub>x</sub> emissions (wet scrubber, lime injection, dry reagent injection)
- Other Technologies for reducing NO<sub>x</sub>/SO<sub>x</sub>
- CO<sub>2</sub> mitigation techniques

### Duration and Timings

2 days (02-03 August 2018); 10.00 AM to 05.00 PM

### Course Fee

#### **Non-Residential**

₹ 10,030/-, per participant

#### **Residential**

₹ 16,048/-, per participant

\* *inclusive of GST*

### Mode of Payment: Online

#### Details for ECS Payment:

i) **State Bank of India, CRI Faridabad Branch (Code 03794), Faridabad-121004, Haryana, India**

<b>SB Account No.:</b> 10383962218 / 37301477161	<b>MICR Code:</b> 110002194	<b>IFSC Code:</b> SBIN0003794
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#### ii) SBI Collect:

www.onlinesbi.com → SB collect → Proceed → State of corporate/Institution: (All India) → Type of corporate/Institution: (Govt. Department) → National Council for Cement and Building Materials → Training → Submit.

iii) **Canara Bank, PB. No. 12, 8-A, Nehru Ground, New Industrial Town, Faridabad, Haryana – 121 001, India**

<b>SB Account No.:</b> 0330101028220	<b>MICR Code:</b> 110015108	<b>IFSC Code:</b> CNRB0000330
<b>SWIFT CODE:</b> CNRBINBBFAR (for overseas participants only)		

#### iv) Payment through Debit / Credit Card:

Participants can make payment through POS machine available at NCB-B by swiping Debit / Credit card.

### Discount on Course Fee

A discount of 10% and 15% on course fee will be extended if an organization nominates 3 and 4 or more participants respectively for the course.

### Participation Certificate

NCB will issue a certificate of participation on conclusion of the training course.

### Venue & Communication Address

Centre for Continuing Education Services  
National Council for Cement and Building Materials  
34 KM Stone, Delhi-Mathura Road (NH-2)  
Ballabgarh-121 004, Haryana, INDIA

Tel : +91-129-4192 245/469/468/467; (D): 0129-2241453

Fax : +91-129-2302300 (Telefax) 2242100, 2246175

E-mail : [cceb@ncbindia.com](mailto:cceb@ncbindia.com) Website: [www.ncbindia.com](http://www.ncbindia.com)

# NOMINATION FORM



CCE-02/STC-16/Cem/B/2018

## Training Programme on Technologies for Reducing PM, NO<sub>x</sub>, SO<sub>x</sub> and CO<sub>2</sub> in Cement Industry (02-03 August 2018)

**Please return the completed form to :**

Centre for Continuing Education Services

**National Council for Cement and Building Materials**

(Under the Administrative Control of Ministry of Commerce & Industry, Govt. of India)

34 KM Stone, Delhi–Mathura Road (NH–2) Ballabgarh–121 004, Haryana, INDIA

**Tel:** +91-129-4192245/ 469/ 468/ 467; **Telefax:** 2302300 (D); **Fax:** 2242100, 2246175

**E-mail:** cceb@ncbindia.com; **Website:** www.ncbindia.com

To be Filled in by the Nominee

Name of Participant (in Block Letters) .....

Qualifications .....

Position / Designation .....

Organisation .....

Address for Communication .....

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..... PIN 

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E-mail ..... Tel ..... Fax .....

Non-Residential     Residential

Signature of the Participant

To be Filled in by the Sponsor

Name of Sponsoring Organisation .....

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Address for Communication .....

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..... PIN 

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E-mail ..... Tel ..... Fax .....

DD / Cheque No. .... Dated ..... Rs .....

Date :

Signature of the Sponsor with stamp of Organisation