



CCE-02/STC-21/Cem/B/2024

## Alternate Fuels and Raw Materials in Portland Cement Manufacture

### Intended for

It is designed for Production Managers, Process/Mechanical engineers and managers of cement plants.

### Objective

The programme aims at imparting knowledge on the need of using alternate fuels, types of alternate fuels with their potential of co-processing, system design for co-processing, affects of use of alternate fuels on reducing global warming including use of wastes both hazardous and non-hazardous in cement manufacture.

### Course Contents

- Introduction & Inventory of AFR in India.
- Co-processing Guidelines and Emission Aspects.
- Characterisation of AFR.
- System Design Consideration.
- Kiln Operation & Problems.
- Process Optimization Techniques.
- Impact on Clinker Quality and Mineralogy.
- Impact of Minor & Trace Elements) on Cement.

### Mode of Training:

Offline/Physical at NCB-Ballabgarh

### Duration and Timings

2 days (**05-06 September 2024**); 10.00 hrs to 17.00 hrs (Indian Standards Timing)

### Course Fee

#### Non-Residential

₹ 11,550 plus G.S.T. @ 18% (i.e ₹ 13,629/-), per participant

#### Residential

₹ 16,650 plus G.S.T. @ 18% (i.e ₹ 19,647/-), per participant

[Limited residential accommodation is available in the hostel located within the campus of NCB Ballabgarh. The accommodation is booked on first-come-first-serve basis only].

### 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.

### Mode of Payment: Online

#### 1.) Preferably by SBI Collect

#### SBI Collect Steps:

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.

#### 2.) State Bank of India, CRI Faridabad Branch (Code 03794), Faridabad-121004, Haryana, India

**SB Account No.:** 37301477161

**MICR Code:** 110002194

**IFSC Code:** SBIN0003794

### 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 : +91-0129-2666645/ 868/ 867

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

# NOMINATION FORM



CCE-02/STC-21/Cem/B/2024

## Training Programme on Alternate Fuels and Raw Materials in Portland Cement Manufacture

(05-06 September 2024)

**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: +91-0129-2666645/ 868/ 867;

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

<b>To be Filled in by the Nominee</b>	Name of Participant (in Block Letters) Dr /Mr /Mrs /Ms .....						
	Qualifications .....						
	Position / Designation .....						
	Organisation .....						
	Address for Communication .....						
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	E-mail ..... Tel/Mb ..... Fax .....						
	<input type="checkbox"/> Non-Residential <input type="checkbox"/> Residential						
Signature of the Participant							

<b>To be Filled in by the Sponsor</b>	Name of Sponsoring Organisation .....						
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	GSTIN .....						
	Address for Communication .....						
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	E-mail ..... Tel ..... Mobile .....						
	UTR No. .... Dated ..... ₹ .....						
	Date :						
Signature of the Sponsor with stamp of Organisation							