



CCE-02/STC-50/Cem/B/2024

Instrumental Methods of Analysis in Cement Plant

Intended for

Chemists and personnel engaged in quality & process control of cement plants

Objective

The course aims at imparting knowledge on principles and operation of modern analytical and quality control instruments in cement industry.

Course Contents

- Classical methods of analysis in cement quality control.
- Principles and applications of XRD and XRF.
- Applications of optical microscopy in cement industry.
- Principles & applications of Colorimetry & Flame photometry.
- Instrumental techniques for evaluation of fuels – Bomb calorimetry & CHNS Analyser.
- Analysis of NO_x and SO₂ in ambient air and stack gases (kiln stack).
- Thermal analysis (DTA & TGA).
- Alternative Fuels in Cement plants.

Mode of Training:

Offline/Physical at NCB-Ballabgarh

Duration and Timings

2 days (10-11 March 2025); 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.) 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 : +91-129-2666 868/ 867

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

NOMINATION FORM



CCE-02/STC-50/Cem/B/2024

Training Programme on Instrumental Methods of Analysis in Cement Plant (10-11 March 2025)

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: +91-129-2666645/868/867

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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E-mail Tel Fax							
Signature of the Participant							

To be Filled in by the Sponsor	Name of Sponsoring Organisation						
						
	GSTIN						
	Address for Communication						
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	E-mail Tel Mobile						
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Date :	Signature of the Sponsor with stamp of Organisation						