

**Centre for Quality Management, Standards and Calibration Services (CQC)
NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS**

34 KM Stone, Delhi-Mathura Road (NH 2), Ballabgarh-121004 (Haryana), India

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**CHARGES OF REFERENCE MATERIAL (RM)/CERTIFIED REFERENCE MATERIAL
(CRMs)/BHARATIYA NIRDESHAK DRAVYA (BND) 2023-24**

CRM/BND /RM No.	Material	Parameter	Charges Per Set (Excluding GST)	
			Rs.	USD
5001	Ordinary Portland Cement	Blaine's fineness & Specific gravity (Fineness : 250 - 300 m ² /kg)	5800.00	160
5021	Ordinary Portland Cement	Blaine's fineness & Specific gravity (Fineness : 320 - 360 m ² /kg)	5800.00	160
5011	Ordinary Portland Cement	Blaine's fineness & Specific gravity (Fineness : 400 - 450 m ² /kg)	5800.00	160
5002	Portland Pozzolana Cement	Blaine's fineness & Specific gravity	5800.00	160
5003	Portland Slag Cement	Blaine's fineness & Specific gravity	5800.00	160
5004	Fly Ash	Blaine's fineness & Specific gravity	5800.00	160
5006	Composite Cement	Blaine's fineness & Specific gravity	5800.00	160
5007	White Portland Cement	Blaine's fineness & Specific gravity	6600.00	180
5008	Blast Furnace Slag	Blaine's fineness & Specific gravity	5800.00	160
5009	Ordinary Portland Cement	Residue on 45 µm sieve (wet sieving)	11050.00	370
5051	Ordinary Portland Cement	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, Mn ₂ O ₃ , TiO ₂ , SO ₃ , IR, Na ₂ O, K ₂ O & Cl	9900.00	270
5052	Portland Pozzolana Cement	LOI, MgO, SO ₃ , IR, Na ₂ O, K ₂ O & Cl	9900.00	270
5053	Portland Slag Cement	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, Mn ₂ O ₃ , TiO ₂ , P ₂ O ₅ , SO ₃ , Na ₂ O, K ₂ O, Cl, Sulphur & IR	9900.00	270
5054	Fly Ash	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, SO ₃ , Cl, Na ₂ O & K ₂ O	9900.00	270
5055	Composite Cement	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, SO ₃ , IR, Na ₂ O, K ₂ O & Cl	9900.00	270
5056	Limestone	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, Mn ₂ O ₃ , TiO ₂ , P ₂ O ₅ , Na ₂ O, K ₂ O, SO ₃ & Cl	9900.00	270
5057	Raw Meal	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, SO ₃ , Na ₂ O, K ₂ O, Cl, Mn ₂ O ₃ & TiO ₂	9900.00	270
5058	Clinker	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, SO ₃ , Na ₂ O, K ₂ O, Cl, Mn ₂ O ₃ & TiO ₂	9900.00	270
5059	Ground Granulated Blast Furnace Slag	GOL, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, SO ₃ , IR, Na ₂ O, K ₂ O, TiO ₂ , Mn ₂ O ₃ & Sulphide sulphur	9900.00	270
5061	Pet coke	Ash content, Volatile matter, Sulphur & Calorific value	9900.00	270
5091	Coal	Ashcontent, Volatile matter, Sulphur & Calorific value (values based on dried basis)	9900.00	270

CRM/BND/ RM No.	Material	Parameter	Charges Per Set (Excluding GST)	
			Rs.	USD
1010	Hydrated Lime (for LR test)	CaO, MgO, SiO ₂ , IR & specific gravity	5800.00	160
1041	Red Ochre	SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ & CaO	9900.00	270
1039	Laterite	SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, SO ₃ , Na ₂ O, & K ₂ O	9900.00	270
1040	Silica Fume	LOI, SiO ₂ , Na ₂ O, & K ₂ O	9900.00	270
1007	Gypsum	Combined water, SiO ₂ + Acid insoluble, Fe ₂ O ₃ +Al ₂ O ₃ , CaO, MgO, SO ₃ & NaCl	9900.00	270
1013	White Portland Cement	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, SO ₃ , Na ₂ O, K ₂ O & Cl	9900.00	270
1011	Clay	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, Mn ₂ O ₃ , TiO ₂ , P ₂ O ₅ , Na ₂ O & K ₂ O	9900.00	270
1002D	Calcined Clay Pozzolana	Blaine's fineness & Specific gravity	5800.00	160
1036	Ordinary Portland Cement	Residue on 90 µm (Dry Sieving)	5800.00	170
1037	Fly ash (1 pack) for ROS: i) 45 µm (wet sieving)	Quantity: 2 × 100 g	11000.00	310
1044	Iron Ore	SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, Na ₂ O & K ₂ O	9900.00	270
1045	Bauxite	LOI, SiO ₂ , Fe ₂ O ₃ , Al ₂ O ₃ , CaO, MgO, Na ₂ O, K ₂ O, Cl, TiO ₂ , Mn ₂ O ₃ & P ₂ O ₅	9900.00	270

BND: Bharatiya Nirदेशक Dravya; CRM: Certified Reference Material; RM: Reference Material

Note: Customer is requested to kindly enquire the availability of products before processing order/payment.

CERTIFIED REFERENCE MATERIALS

Terms, Conditions & Guidelines

- i) **Packaging:** The CRM for chemical parameters is packed in four sealed vials, with each vial containing approximately five grams of powdered material. The CRM for physical parameters is packed in four sealed vials with each vial containing approximately ten grams of powdered material. The CRM of hydrated lime is packed in three packets, with each packet containing approximately 170 grams of material.
- ii) **Plant specific CRMs:** Raw materials, raw meal, kiln feed, clinker, cement etc. for calibration of X-ray analyzer (XRF/XRD), to eliminate matrix variation, are developed on sponsored basis. These are provided in desired quantity to the sponsor for long term application. CRMs for specifically desired parameters and applications are also developed and provided in desired quantity on sponsored basis. Charges for these CRMs are as per the mutually agreed scope of work and payment terms.
- iii) **Certification:** The certified value and expanded uncertainty of CRM is estimated with high degree of confidence and known sources of bias investigated by NCB and reported in the certificate provided with CRM. Duplicate certificate, if desired, will be issued on payment of Rs. 500.00 + applicable tax (GST).
- iv) **Payment:** Advance payment can be made to nearest rupee as per our quotation/invoice through **SBI Collect#** only.
- v) **GST No. is 06AAATN2477N1Z6 and PAN No. is AAATN2477N**
- vi) **E-payment details:** E-payment link are as follows:
<https://www.onlinesbi.com/sbicollect/icollecthome.htm>.
- vii) **Payment intimation:** Transaction details should be intimated by e-mail.
- viii) **Dispatch charges:** The rates in INR are inclusive of dispatch charges for companies in India. In case of export requirement, the packing and courier charges will be extra (as per actuals).
- ix) **By-hand material collection:** Material availability may be got confirmed before coming personally for material collection. Material will be handed over to the authorized person only upon receipt of full payment (INR/USD).
- x) **Contact details: E-mail:** cqcb@ncbindia.com; ncb.cqc@gmail.com.
Telephone: +91 129-2666703; 2666694, 2666705, 2666639, 2666622

#Procedure for payment by SBI Collect is available on our website- <http://www.ncbindia.com>.

STANDARD REFERENCE MATERIAL

National Council for Cement and Building Materials
Ballabgarh



Quality Manual : SRM/QM : Annexure IXA	Issue No. : 1
	Date : 01.10.2019
	Page No. : 1 of 1
	Revision : 02 (19.01.22)



FORM 1

Centre for Quality Management, Standards & Calibration Services
National Council for Cement and Building Materials
Ballabgarh

CRM Purchase Request Form

Name of the Organization

Address

Name of the contact person: Designation:

Telephone: Fax:

e-mail: Mobile:

We wish to place request for purchase of following CRMs:

S.N.	CRM/BND Name	CRM/BND No.	Quantity	Application QC/R&D)

1. The charges, including GST, have been deposited.

2. Payment Amount: Rs.

i Bank Name Payment Mode: Bank Transfer/SB Collect

Ref. dated GST No.

Date:

Authorized Signatory

1. Request received (in person) as per details mentioned by the client.

2. Request received vide letter/mail dated.....

3. Payment invoice No. dated

4. Kindly authorize release of above type and quantity of CRMs requested by the client.

Technical Asst./Asst. Manager/Manager

PL-SRM

HOC-CQC

Certificate Details:

SRMF 1
Date of Issue: 01.10.19
Revision: 02(19.01.22)

Reviewed by Quality Manager	Approved by Director General	Issued by Quality Manager
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