




THE INDIA CEMENTS LIMITED

WORKS: MALKAPUR 501138, P.B. No. 07, SY. No. 51,
TAMILIR MANDAL, RANGA REDDY DIST, TELANGANA
TEL: 08411 242247, 242324 to 242328, Fax: 08411-242302



AN IS/ISO 9001:2015 CERTIFIED COMPANY

COROMANDEL KING SUPERIOR OPC 53 GRADE CEMENT TEST CERTIFICATE

<u>PARTICULARS</u>	<u>TEST RESULTS</u>	 Specification as per IS 269:2015
A CHEMICAL REQUIREMENTS:		
1 LSF (Lime Saturation factor)	0.92	0.80-1.02
2 Alumina Modulus	1.07	Min 0.66
3 Insoluble residue (%)	2.54	Max 5.0
4 Magnesia (%)	1.05	Max 6.0
5 Sulphuric Anhydride (%)	2.48	Max.3.5
6 Loss on Ignition (%)	2.61	Max.4.0
7 Chloride (%)	0.014	Max 0.10
B PHYSICAL REQUIREMENTS:		
1 Specific Surface Area (M ² /kg)	301	Min. 225
2 Soundness		
a) Le Chatelier (mm)	1.5	Max 10
b) Autoclave (%)	0.05	Max 0.8
3 Setting Time (minutes)		
a) Initial	135	Min 30
b) Final	250	Max 600
4 Compressive Strength(Mpa)		
a) 3 Days	35.5	Min 27
b) 7 Days	45.6	Min 37
c) 28 Days	55.7	Min 53

The sample complies with the requirements of IS 269:2015 for 53 Grade Ordinary Portland Cement.

Date of Despatch: 11.06.2021 to 17.06.2021 Week No: 24

Permitted Performance improvers are added (Type: Limestone: 2.0% & Flyash: 3.0%)



HOD (QA)

Registered Office: IDHUM BUILDING, 827 Anna Salai, CHENNAI - 600 002
Corporate Office: Coromandel Towers 93, Southside High Road, Karapagam Avenue, R.A Puram, CHENNAI - 600 028
Phone: (044) 28521526 / 28521527 Fax: (044) 28528106, www.indiacementn.co.in

CICG No. AAAC11728PXM010 SERVICE TAX No. AAAC11728PST017 PAN No. AAAC11728P
FIN No. 36220189438, TAN No. HYGT03638E

Railway Siding Code: MIC 00028572, Corporate Identity No. (CIN): L26942TN1946PLC00090




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AN IS/ISO 9001:2015 CERTIFIED COMPANY

COROMANDEL OPC 43 GRADE CEMENT TEST CERTIFICATE

<u>PARTICULARS</u>	<u>TEST RESULTS</u>	 Specification as per IS 269:2015
A CHEMICAL REQUIREMENTS:		
1 LSF (Lime Saturation factor)	0.90	0.66-1.02
2 Alumina Modulus	1.08	Min 0.66
3 Insoluble residue (%)	2.49	Max 5.0
4 Magnesia (%)	1.07	Max 6.0
5 Sulphuric Anhydride (%)	2.49	Max.3.5
6 Loss on Ignition (%)	2.55	Max 5.0
7 Chloride (%)	0.013	Max 0.10
B PHYSICAL REQUIREMENTS:		
1 Specific Surface Area (M ² /kg)	288	Min. 225
2 Soundness		
a) Le Chatelier (mm)	2.0	Max 10
b) Autoclave (%)	0.05	Max 0.8
3 Setting Time (minutes)		
a) Initial	130	Min 30
b) Final	240	Max 600
4 Compressive Strength(Mpa)		
a) 3 Days	34.7	Min 23
b) 7 Days	44.2	Min 33
c) 28 Days	54.2	Min 43 & Max 58

The sample complies with the requirements of IS 269:2015 for 43 Grade Ordinary Portland Cement

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AN IS/ISO 9001:2015 CERTIFIED COMPANY COROMANDEL KING SUPER POWER PPC (FA BASED) TEST CERTIFICATE

<u>PARTICULARS</u>	<u>TEST RESULTS</u>	 Specification as per IS:1489(Part-1):2015
A CHEMICAL REQUIREMENTS:		
1 Sulphuric Anhydride (%)	2.50	Max 3.5
2 Magnesia (%)	1.14	Max 6.0
3 Loss on Ignition (%)	2.60	Max 5.0
4 Insoluble Residue (%)	25.89	Max $X + [4(100-X)/100]$
5 Chloride (%)	0.013	Max. 0.1
B PHYSICAL REQUIREMENTS:		
1 Specific Surface Area (M ² /kg)	341	Min. 300
2 Soundness		
a) Le Chatelier (mm)	1.5	Max 10
b) Autoclave (%)	0.03	Max 0.8
3 Setting Time (minutes)		
a) Initial	135	Min 30
b) Final	250	Max 600
4 Compressive Strength (Mpa)		
a) 3 Days	23.7	Min. 16
b) 7 Days	34.2	Min. 22
c) 28 Days	45.2	Min. 33
5 %Drying Shrinkage	Results Awaited	Max. 0.15
C % of Flyash	29.00	Min 15 and Max 35

The above cement complies to IS: 1489 (Part-1):2015 Portland Pozzolana Cement (Fly ash based).

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COROMANDEL KING SUPERIOR OPC 53 GRADE CEMENT TEST CERTIFICATE

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