



THE INDIA CEMENTS LIMITED

WORKS: MALKAPUR 501138, P.B. No. 07, SY. No. 51,
TANTUR 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

PARTICULARS

TEST RESULTS



Specification as per
IS 269:2015

A CHEMICAL REQUIREMENTS:

1	LSF (Lime Saturation factor)	0.91	0.80-1.02
2	Alumina Modulus	1.08	Min 0.66
3	Insoluble residue (%)	2.54	Max 5.0
4	Magnesia (%)	1.09	Max 6.0
5	Sulphuric Anhydride (%)	2.53	Max.3.5
6	Loss on Ignition (%)	2.51	Max.4.0
7	Chloride (%)	0.013	Max 0.10

B PHYSICAL REQUIREMENTS:

1	Specific Surface Area (M ² /kg)	301	Min. 225
2	Soundness		
	a) Le Chatelier (mm)	2.0	Max 10
	b) Autoclave (%)	0.04	Max 0.8
3	Setting Time (minutes)		
	a) Initial	130	Min 30
	b) Final	245	Max 600
4	Compressive Strength(Mpa)		
	a) 3 Days	35.1	Min 27
	b) 7 Days	45.7	Min 37
	c) 28 Days	57.8	Min 53

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

Date of Despatch: 30.07.2021 to 05.08.2021 Week No: 31

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) 28521524 / 28521527 Fax: (044) 28528106, www.indiacements.co.in
FICG No. AAAC1728PXM010 SERVICE TAX No. AAAC1728PST013 PAN No. AAAC1728P
FIN No. 36220189438, TAN No. HYGT03638E
Railway Station Code: MIC 0002853, Corporate Identity No. (CIN): L26942TN1946PLC00090



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AN IS/ISO 9001:2015 CERTIFIED COMPANY

COROMANDEL OPC 43 GRADE CEMENT TEST CERTIFICATE

PARTICULARS

TEST RESULTS



Specification as per
IS 269:2015

A CHEMICAL REQUIREMENTS:

1	LSF (Lime Saturation factor)	0.89	0.66-1.02
2	Alumina Modulus	1.08	Min 0.66
3	Insoluble residue (%)	2.55	Max 5.0
4	Magnesia (%)	1.07	Max 6.0
5	Sulphuric Anhydride (%)	2.54	Max 3.5
6	Loss on Ignition (%)	2.57	Max 5.0
7	Chloride (%)	0.013	Max 0.10

B PHYSICAL REQUIREMENTS:

1	Specific Surface Area (M ² /kg)	287	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	250	Max 600
4	Compressive Strength(Mpa)		
	a) 3 Days	34.3	Min 23
	b) 7 Days	44.6	Min 33
	c) 28 Days	54.4	Min 43 & Max 58

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

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



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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 (%)	2.51	Max 3.5
2	Magnesia (%)	1.14	Max 6.0
3	Loss on Ignition (%)	2.57	Max 5.0
4	Insoluble Residue (%)	25.91	Max $X + [4(100-X)/100]$
5	Chloride (%)	0.013	Max. 0.1
B PHYSICAL REQUIREMENTS:			
1	Specific Surface Area (M ² /kg)	336	Min. 300
2	Soundness		
	a) Le Chatelier (mm)	2.0	Max 10
	b) Autoclave (%)	0.04	Max 0.8
3	Setting Time (minutes)		
	a) Initial	125	Min 30
	b) Final	235	Max 600
4	Compressive Strength (Mpa)		
	a) 3 Days	22.8	Min. 16
	b) 7 Days	33.6	Min. 22
	c) 28 Days	44.6	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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FICG No. AAAC1728PXM010 SERVICE TAX No. AAAC1728PST013 PAN No. AAAC1728P
FIN No. 36220189436 TAN No. HYGT03638E
Railway Siding Code: MIC 00028572 Corporate Identity No. (CIN): L26942TN1946PLC00090



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COROMANDEL KING SUPERIOR OPC 53 GRADE CEMENT TEST CERTIFICATE

PARTICULARS

TEST RESULTS



Specification as per
IS 269:2015

A CHEMICAL REQUIREMENTS:

1	LSF (Lime Saturation factor)	0.91	0.80-1.02
2	Alumina Modulus	1.08	Min 0.66
3	Insoluble residue (%)	2.54	Max 5.0
4	Magnesia (%)	1.09	Max 6.0
5	Sulphuric Anhydride (%)	2.53	Max.3.5
6	Loss on Ignition (%)	2.51	Max.4.0
7	Chloride (%)	0.013	Max 0.10

B PHYSICAL REQUIREMENTS:

1	Specific Surface Area (M ² /kg)	301	Min. 225
2	Soundness		
	a) Le Chatelier (mm)	2.0	Max 10
	b) Autoclave (%)	0.04	Max 0.8
3	Setting Time (minutes)		
	a) Initial	130	Min 30
	b) Final	245	Max 600
4	Compressive Strength(Mpa)		
	a) 3 Days	35.1	Min 27
	b) 7 Days	45.7	Min 37
	c) 28 Days	57.8	Min 53

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

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FICG No. AAAC1728PXM010 SERVICE TAX No. AAAC1728PST013 PAN No. AAAC1728P
FIN No. 36220189438 TAN No. HYGT03638E
Railway Siding Code: MIC 00028532 Corporate Identity No. (CIN): L26942TN1945PLC00090



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PARTICULARS

TEST RESULTS



Specification as per
IS 269:2015

A CHEMICAL REQUIREMENTS:

1	LSF (Lime Saturation factor)	0.89	0.66-1.02
2	Alumina Modulus	1.08	Min 0.66
3	Insoluble residue (%)	2.55	Max 5.0
4	Magnesia (%)	1.07	Max 6.0
5	Sulphuric Anhydride (%)	2.54	Max.3.5
6	Loss on Ignition (%)	2.57	Max 5.0
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B PHYSICAL REQUIREMENTS:

1	Specific Surface Area (M ² /kg)	287	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
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4	Compressive Strength(Mpa)		
	a) 3 Days	34.3	Min 23
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