



THE INDIA CEMENTS LIMITED

WORKS : MALKAPUR - 501158, P.B. No. 07, SY. No. 51,
TANDUR MANDAL, RANGA REDDY DIST., TELANGANA
Tel : 08411 - 242247, 242324 to 242326, 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	1.01	Min 0.66
3	Insoluble residue (%)	2.56	Max 5.0
4	Magnesia (%)	1.07	Max 6.0
5	Sulphuric Anhydride (%)	2.49	Max.3.5
6	Loss on Ignition (%)	2.52	Max.4.0
7	Chloride (%)	0.013	Max 0.10

B PHYSICAL REQUIREMENTS:

1	Specific Surface Area (M ² /kg)	302	Min. 225
2	Soundness		
	a) Le Chatelier (mm)	1.9	Max 10
	b) Autoclave (%)	0.04	Max 0.8
3	Setting Time (minutes)		
	a) Initial	125	Min 30
	b) Final	240	Max 600
4	Compressive Strength(Mpa)		
	a) 3 Days	35.6	Min 27
	b) 7 Days	45.7	Min 37
	c) 28 Days	Result Awaited	Min 53

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

Date of Despatch: 03.09.2021 to 09.09.2021 Week No: 36

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



[Signature]

HOD (QA)

Registered Office : "DHUN BUILDING", 827, Anna Salai, CHENNAI - 600 002.

Corporate Office : Coromandel Towers, 93, Santhome High Road, Karpagam Avenue, R.A. Puram, CHENNAI - 600 028

Phones : (044) 28521526 / 28521527 Fax : (044) 28528106, www.indiacements.co.in

E.CC.No. AAAC1728PXM010, SERVICE TAX No. AAAC1728PST017, PAN No. AAAC1728P

TIN No. 36220189434, TAN No. HYDT03638F

Railway Siding Code : MICT 09528512, Corporate Identity No. (CIN) : L26942TN1946PLC000931



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PARTICULARS

TEST RESULTS



Specification as per
IS 269:2015

A CHEMICAL REQUIREMENTS:

1	LSF (Lime Saturation factor)	0.90	0.66-1.02
2	Alumina Modulus	1.02	Min 0.66
3	Insoluble residue (%)	2.54	Max 5.0
4	Magnesia (%)	1.09	Max 6.0
5	Sulphuric Anhydride (%)	2.49	Max.3.5
6	Loss on Ignition (%)	2.58	Max 5.0
7	Chloride (%)	0.012	Max 0.10

B PHYSICAL REQUIREMENTS:

1	Specific Surface Area (M ² /kg)	289	Min. 225
2	Soundness		
	a) Le Chatelier (mm)	1.9	Max 10
	b) Autoclave (%)	0.04	Max 0.8
3	Setting Time (minutes)		
	a) Initial	130	Min 30
	b) Final	240	Max 600
4	Compressive Strength(Mpa)		
	a) 3 Days	33.9	Min 23
	b) 7 Days	44.3	Min 33
	c) 28 Days	Result Awaited	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 (%)	2.46	Max 3.5
2	Magnesia (%)	1.13	Max 6.0
3	Loss on Ignition (%)	2.56	Max 5.0
4	Insoluble Residue (%)	25.65	Max $X + [4(100-X)/100]$
5	Chloride (%)	0.013	Max. 0.1
B PHYSICAL REQUIREMENTS:			
1	Specific Surface Area (M ² /kg)	337	Min. 300
2	Soundness		
	a) Le Chatelier (mm)	1.4	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	24.4	Min. 16
	b) 7 Days	34.7	Min. 22
	c) 28 Days	Results Awaited	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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PARTICULARS

TEST RESULTS



Specification as per
IS 269:2015

A CHEMICAL REQUIREMENTS:

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2	Alumina Modulus	1.01	Min 0.66
3	Insoluble residue (%)	2.56	Max 5.0
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5	Sulphuric Anhydride (%)	2.49	Max.3.5
6	Loss on Ignition (%)	2.52	Max.4.0
7	Chloride (%)	0.013	Max 0.10

B PHYSICAL REQUIREMENTS:

1	Specific Surface Area (M ² /kg)	302	Min. 225
2	Soundness		
	a) Le Chatelier (mm)	1.9	Max 10
	b) Autoclave (%)	0.04	Max 0.8
3	Setting Time (minutes)		
	a) Initial	125	Min 30
	b) Final	240	Max 600
4	Compressive Strength(Mpa)		
	a) 3 Days	35.6	Min 27
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	c) 28 Days	Result Awaited	Min 53

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<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	1.02	Min 0.66
3	Insoluble residue (%)	2.54	Max 5.0
4	Magnesia (%)	1.09	Max 6.0
5	Sulphuric Anhydride (%)	2.49	Max.3.5
6	Loss on Ignition (%)	2.58	Max 5.0
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1	Specific Surface Area (M ² /kg)	289	Min. 225
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