




# THE INDIA CEMENTS LIMITED

WORKS : MALKAPUR - 501158, P.B. No. 07, SY. No. 51,  
TANDUR MANDAL, RANGA REDDY DIST., TELANGANA  
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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
<b>A CHEMICAL REQUIREMENTS:</b>		
1 LSF (Lime Saturation factor)	<b>0.90</b>	0.66-1.02
2 Alumina Modulus	<b>1.19</b>	Min 0.66
3 Insoluble residue (%)	<b>2.59</b>	Max 5.0
4 Magnesia (%)	<b>1.09</b>	Max 6.0
5 Sulphuric Anhydride (%)	<b>2.56</b>	Max.3.5
6 Loss on Ignition (%)	<b>3.10</b>	Max 5.0
7 Chloride (%)	<b>0.014</b>	Max 0.10
<b>B PHYSICAL REQUIREMENTS:</b>		
1 Specific Surface Area (M <sup>2</sup> /kg)	<b>281</b>	Min. 225
2 Soundness		
a) Le Chatelier (mm)	<b>2.0</b>	Max 10
b) Autoclave (%)	<b>0.05</b>	Max 0.8
3 Setting Time (minutes)		
a) Initial	<b>140</b>	Min 30
b) Final	<b>230</b>	Max 600
4 Compressive Strength(Mpa)		
a) 3 Days	<b>34.6</b>	Min 23
b) 7 Days	<b>43.5</b>	Min 33
c) 28 Days	<b>53.4</b>	Min 43 & Max 58

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

Date of Despatch: 05.02.2021 to 11.02.2021 Week No: 06

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



**HOD (QA)**

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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