



JK LAKSHMI CEMENT QUALITY CONTROL LABORATORIES (JKLCL-QCL)

JAYKAYPURAM-307019 Dist-SIROHI

TEST REPORT FOR JK LAKSHMI PPC

TEST REPORT

LICENSE NO-CM/L-0001234838



TC-5708

ULR NO.5708260000000800F

PARTY NAME/ADDRESS:JK LAKSHMI CEMENT LTD, PACKING PLANT

DATE OF SAMPLE RECEIVING-09.04.2026

DATES OF TESTING-09.04.2026

SAMPLE ID WEEK NO.14 (02.04.2026 to 08.04.2026)

DATE OF ISSUE-16.04.2026

CHEMICAL/PHYSICAL REQUIRMENTS	TEST METHOD	REQUIRMENT ASPER IS:1489:2015(PART-I) AMENDMENT NO.6	RESULTS OBTAINED
CHEMICAL REQUIREMENTS:-		6	
(i)Loss on ignition, percent by mass, Max.	IS-4032-7.1	5.0	2.31
(ii)Magnesia, percentage by mass, Max	IS-4032-7.2	6.0	2.25
(iii)Sulphuric Anhydride (SO3), percent by mass, Max	IS-4032-7.3	3.5	2.45
(iv)Insoluble Residue, percent by mass Max.	IS-4032-7.4	4(100-x) x+----- 100 (x=where x is the declare % age of Fly Ash)	23.84
(v)Insoluble Residue , percent by mass Min	IS-4032-4.10	0.6x	15.00
(vi) Declared % of Fly Ash **		Not less than 15% and Not more than 35%	28.00+/-3.00
(vii)Chloride, percent by mass	IS-4032-4.13 AND - 02/2020	Not more than 0.1	0.034
PHYSICAL REQUIREMENTS :		7	
(I) FINENESS :	IS-4031 PART-II 2018		
SP:SURFACE		Not less than 300 m2/kg	353
(II) SOUNDNESS :			
A) Le-chatelier method Expansion	IS-4031-PART-III 2019	Not more than 10 mm	0.5
b) Auto clave test expansion	IS-4031-PART-III 2019	Not more than 0.8%	0.056
(III) SETTING TIME			
A) Initial Setting time in Minutes	IS-4031-PART-V 2019	30 minutes, minimum	140
b) Final Setting time in Minutes	IS-4031-PART-V 2019	600 minutes, maximum	185
COMPRESSIVE STRENGTH	IS-4031-PART-VI 2019		
72 ± 1 Hours (3 Days)		16 Mpa, Min	24.4
168 ± 2 Hours (7 Days)		22 Mpa, Min	34.2
672 ± 4 Hours (28 Days)		33 Mpa, Min	UNDER TESTING
Drying Shrinkage	IS-4031-PART-X 2019	Not be more than 0.15%	UNDER TESTING

REMARKS: The Test results comply with the requirements of IS:1489:2015(PART-I) for PPC all Chemical and Physical Requirements. All the test carried out at 27±2°C temp. & humidity min. 65%. Protocol:IS:4032 and IS:4031.

Note: Results reported above are the average test results of all samples testing during relevent week. All the results are related with the sample as provided by the plant & sample condition was satisfactory. The report shall not be reproduced except in full or part without approval of the laboratory can provide assurance that parts of a report are not taken out of context. Retention period of the sample shall be upto 35 days.

CERTIFIED
ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2007
EnMS ISO 50001:2011

Reviewed by
Emp Name - ABHISHEK KUMAR
Emp code - 00112051

Authorised Signatory
Emp Name - RAJESH KUMAR MISHRA
Emp code - 00112161

End of Report