



JK LAKSHMI CEMENT Ltd.

JAYKAYPURAM—307019 Dist. Sirohi, Rajasthan



LICENCE NO. CM/L-1234838



ULR NO. TC-57081900000000091F WFFK No. 23

EEK No. 23 DATE OF ISSUE 16.07.2019

WEEK No. 23 DATE OF ISSUE 16.07.2			UE 16.07.2019
CHEMICAL / PHYSICAL REQUIREMENTS	SPECIFICATION CLAUSE No.	REQUIREMENT AS PER IS No.1489(PART-I) – 2015	RESULTS OBTAINED
CHEMICAL REQUIREMENTS:	6		
(i) Loss on ignition, percent by mass, Max.	6.1	5.0	2.56
(ii) Magnesia, percentage by mass, Max	6.1	6.0	2.45
(iii) Sulphuric Anhydride (SO ₃), percent by mass, Max	6.1	3.5	2.46
(iv) Insoluble Residue, percent by mass Max.	6.1	4(100-x) x+	23.98
(v) Insoluble Residue, percent by mass Min	6.1	100 (x=where x is the declare % age of Fly Ash) 0.6 x	15.0
(vi) Declared % of Fly Ash	5 & 9.1	Not less than 15% and Not more than 35%	28+/-3
(vii) Chloride, percent by mass	9.2	Not more than 0.1	0.046
PHYSICAL REQUIREMENTS:	7		
(i) FINENESS : SP. SURFACE	7.1	Not less than 300 m2/kg	345
(ii) SOUNDNESS: a) Le-chatelier method Expansion	7.2	Not more than 10 mm	0.50
b) Auto clave test expansion		Not more than 0.8%	0.050
(iii) SETTING TIME a) Initial Setting time in Minutes	7.3	30 minutes, minimum	140
b) Final setting time in Minutes		600 minutes, maximum	180
(iv) COMPRESIVE STRENGTH 72 ± 1 Hours (3 Days)	7.4	16 Mpa, Min	28.0
168 ± 2 Hours (7 Days)		22 Mpa, Min	38.0
672 ± 4 Hours (28 Days) (v) Drying Shrinkage	7.5	33 Mpa, Min Not be more than 0.15%	48.0 0.0480

REMARKS: The test results complies with the requirements of IS: 1489(Part-I): 2015 for all Chemical requirements and Physical requirements including Compressive Strength up to 28-days.

Note: Results reported above are the average test results of all samples testing during relevant week.

CERTIFIED ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007 Curel

HOD(QC)

