



NBML BUILDING MATERIALS TESTING LAB LLP

& steel's testing laboratory

APPROVED BY BUREAU OF INDIAN STANDARDS (BIS)

(ISO 9001:2015, ISO : 14001:2015, ISO : 45001:2018 CERTIFIED LAB)

TEST REPORT

TR NO. : NBML-NN-1070-2026

ISSUE DATE : 04-08-26

PAGE 1 OF 1

ISSUED TO	M/S. NAGESH TRADING GSTN: 22IWYPS6635D1ZV Durg (CG)	
LETTER NO.	-	DATE : -
SRF NO.	NBML/NN-1070/2026	DATE : 28-07-26
DISCIPLINE	Mechanical	GROUP : Building, Infrastructure & Construction Materials
DESCRIPTION OF MATERIAL	Fly Ash	QUANTITY : 7.0 Kg
DESCRIPTION OF WORK	-	SOURCE : NTPC LTD (ODISHA)
SPECIFICATION	IS: 3812: Part 1 & 2: 2013 (Reaffirmed Year: 2022)	

PHYSICAL TEST RESULTS

S. NO.	DESCRIPTION OF TEST	UNIT	TEST METHOD	TEST RESULT	REQUIREMENT	
					AS PER PART 1 FOR USE AS POZZOLANA	AS PER PART 2 FOR USE AS ADMIXTURE
1	Fineness (Blaine's Air Permeability)	m ² /Kg	ASTM C204	382	320 Minimum	200 Minimum
2	Soundness Autoclave Expansion	%	ASTM C311/C311M	0.09	0.8 Maximum	0.8 Maximum
3	Particle Retained on 45 micron IS Sieve	%	ASTM C311/C311M	30.12	34 Maximum	50 Maximum
4	Lime Reactivity 10 days	MPa	IS: 1727: 1967 (Reaffirmed Year : 2018)	Awaited	4.5 Minimum	
5	Compressive Strength at 28 days					
	Test Sample (Fly Ash)	MPa	ASTM C311/C311M	Awaited	Not less than 80% of the strength corresponding to plain cement mortar cubes	-
	Plain Cement Mortar Cube	MPa		Awaited		-
	Compressive Strength	%		Awaited		-

*****END OF RESULT*****


Checked by




Authorised Signatory
NIKHIL BAJPAYEE
TECHNICAL MANAGER

BIS CERTIFIED LABORATORY APPROVED BY GOVT. OF INDIA

Conditions :

1. The Result listed refer only to tested samples & applicable parameter Endorsement of product is neither interred nor implied. 2. The use of report for arbitration, publicity & evidence in legal dispute is forbidden except with prior written consent NBML Lab. 3. All disputes are subject to Raipur jurisdiction 7 days correction to this report invalidates this report. 4. Sample will be destroyed after 30-days from the date of test report unless otherwise Specified.

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