

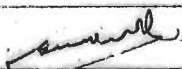


WAP/M/SPECN-1/051/1994 ALT 'a'

GOVERNMENT OF INDIA  
(Ministry of Railways)

SPECIFICATION FOR  
HIGH ALUMINA MORTAR  
PL No. 84980308

Issued by

MECHANICAL DRAWING OFFICE  
WHEEL & AXLE PLANT  
YELAHANKA, BANGALORE-560 064  
I N D I A

		
DY. CME/W-I	WM/MELT	SSE/MDO
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SPECIFICATION FOR HIGH ALUMINA MORTAR1.0 SCOPE:

The specification covers the manufacture and supply of High Alumina Mortar to Wheel and Axle Plant, Yelahanka, Bangalore -- 560 064, Karnataka State, India as per instructions and conditions of contract.

2.0 DESCRIPTION:

High Alumina Mortar for ladle lining.

3.0 JOB REQUIREMENT:

High alumina heat setting mortar is required for the lining of ladle with High Alumina Bricks for carrying molten carbon steel.

4.0 RESTRICTIVE CHARACTERISTICS:

4.0.1	Alumina ( $Al_2O_3$ )	: 70% min.
4.0.2	Oxides of Iron ( $Fe_2O_3$ )	: 2.5% max.
4.0.3	Pyrometric Cone equivalent	: +37 Orton
4.0.4	Grading	: 90% passing through IS 60 (ASTM 30)

5.0 PACKING:

The High Alumina heat setting mortar shall be supplied in undamaged gunny bags of capacity 30 kgs.

Use eco friendly bio-degradable packing material.

<i>Sudhakar</i>	<i>WJ</i>	<i>Kodavale</i>
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6.0 INSPECTION NORM:

The supplier shall provide all facilities for inspection and test of the material for Chemical, Physical and Sieve analysis as mentioned under Clause 4.0.

SAMPLING NORM: As per IS:1528 (Pt.7)-1974 or latest.

METHOD OF CHEMICAL ANALYSIS: As per IS:1335 - 1959 or latest.

7.0 SHELF LIFE: No shelf life, to be stored in a dry place.

8.0 TESTING FACILITIES: For the parameters indicated above under Clause 4.0

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<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
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**AMENDMENT SHEET**

Alt.	DATE	DESCRIPTION	JOB NO.	APPROVED BY	
				DESI.	SIGN.
'a'	20.10.01	Revised and Clauses No. 4.0, 5.0, are modified. Clause Nos. 6.0, 7.0 and 8.0 are added.	4026	Dy.CME/W-I	<i>[Signature]</i> 2/11

<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
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