

PAWNI INDUSTRIAL FURNACE MANUFACTURER**All Types of Fabrication Works**

Plot No-23, Part-2, Near Army Society, Jeevan Nagar, Faridabad

E-mail : pawniindfurnacemanufacturer@gmail.com

TEST CERTIFICATE

Order No: PIFM/22-23/20
 Ref. No.
 Customer: JINDAL ALUMINIUM LIMITED
 Article: REFRACT DL B-70
 Quantity: 3.00 MT
 Lot No: V-09/2022/18
 Manufacturing: AuG/2022

Date.....

For the delivered refractory materials in the quoted production period
 the following properties of investigation were found out by our quality control.

		OC	\bar{X}
Grain size	(%)		
+ 8 mm			0
0.8 mm			100
Liquid for mixing(portable water)	(%)		5.83
Physical prpperties after firing			
Bulk Density	(g/cm3)	1000/4 hr.	2.67
Apparent porosity	(%)	1000/4 hr.	16.20
Cold crushing strength	(N/mm2)	110/24 hr.	84.25
		1000/4 hr.	100.56
		1500/4 hr.	110.23
Cold modulus of rupture	(N/mm2)	110/24 hr.	18.28
		1000/4 hr.	20.39
		1500/4 hr.	26.72
Perment linear change	(%)	1000/4 hr.	-0.16
		1500/4 hr.	+0.12
Chemical analysis	(weight%)		
AL2O3			70.20
Fe2O3			1.40
CaO			1.56

