



INDUSTRIAL MINERAL CO., INDIA

CENTRAL LABORATORY



QUALITY CERTIFICATE

Certificate. No. : 2984/07-08	Dated : 15-10-2007
P.O. No. : 00001172,00001173	Invoice No. : 292/07-08
Grade : C(0.600-0.250)	Product Name : Garnet Abrasive Grit
Mesh : 30 - 60	Sample Qty. : 50 Gms
Packing : 1 ton loose with liner.	Material Qty. : 270 M.Tons.
	Sample Analysed : A.Robin

We hereby Certify that the Garnet shipped for the P.O. No. 00001172, 00001173 is having the following results from our Lab analysis. It was determined by X-ray Fluorescence

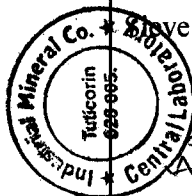
Chemical Analysis		Sieve Analysis Report				
Elements	%	M.M	ASTM	Standard %	Retained %	Cum
SiO ₂	36.91	0.600	30	1.20	0.36	0.36
Al ₂ O ₃	21.31	0.425	40	28.50	15.00	15.36
Fe ₂ O ₃	30.85	0.300	50	53.20	54.88	70.24
MgO	7.13	0.250	60	14.60	13.52	83.76
CaO	1.34	0.180	80	2.50	16.24	100.00
TiO ₂	0.94					

Mineral Composition - % by Weight		Physical Analysis	
Garnet	: 99.40 %	Conductivity	: 29.20 mS/m at 19.9°C
Ilmenite	: 00.55 %	Chloride	: 49.48 ppm
Others	: 00.05 %	Hardness	: 8 Moh Scale
		Moisture	: 0.15 %
		Density	: 2.53 g/cm ³

Sample Taken by: A. Kannan.

Sieve Analysis conducted by: A. Robin

A. Kannan



A. Robin

Signature

Signature

-Sample taken and Sieve Analysis under reference of ISO 11127-2
-Chemical Analysis have been determined by Lab XRF

-Conductivity and Moisture Analyzed by Mettler
-Chloride Content Analysis by Spectrophotometer