



Beach Minerals Company

32-2, Halls Road, Egmore, Chennai – 8, TN, India.
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QUALITY CERTIFICATE

Customer Name	: ROCK GARNET TRADING	Invoice No	: 403/10-11
P.O. No.	: Bmc168/0030	Qty - MT	: 140 TON
Product	: GARNET ABRASIVE GRIT	Packing	: 25KG HDPE BAGS IN 1 TON BULK BA
Size	: 30/ 60 MESH	Date	: 8th August 2012

Chemical Composition		Mineralogical Content		Physical Characteristics	
Elements	%				
SiO ₂	36%	Garnet	98.5%	Conductivity	<125 M/cm
Fe ₂ O ₃	33%	ilmenite	1.5%	Hardness	7.5 Mohs
Al ₂ O ₃	23%	Others	Nil	Bulk Density	2.4 g/cm ³
MgO	6%			Chloride level	<25ppm
MnO	1%			Moisture	0.20%
CaO	1%				

Sieve Analysis			Sieve Analysis in Graphical Representation
MM	ASTM	% Retained	
0.600	+30	7	
0.425	+40	19	
0.300	+50	50	
0.250	+60	17	
	PAN	7	
		100	

For Beach Minerals Company,

S. Kalpana

Incharge Quality Control

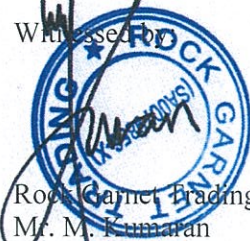
GARNET TEST REPORT

STANDARD	SA 2.5
METHOD	MANUAL TESTING
SUBSTRATE	CARBON STEEL
PROJECT TITLE	BEKOK-C RESTORATION PROJECT
CLIENT/OWNER	PETRONAS CARIGALI SDN. BHD.
SUPPLIER	NICHE ESTEEM SDN. BHD.
TEST LOCATION / YARD	PORT KLANG
PERSON PRESENT	MR.KUMARAN, MR. FAIZ AJIR
DATE OF TEST	19 TH OCT 2012.
GARNET TYPE	RGT SUPREME GARNET, 30/60 MESH

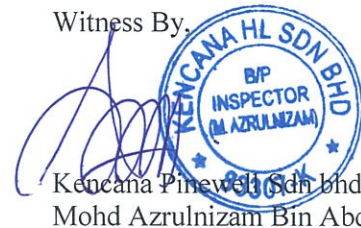
TEST RESULTS

INSPECTION CRITERIA	OBSERVATION		REMARKS
	REQUIRED	ACTUAL	
GARNET SIZE	30/60	30/60	ACCEPTABLE
SOLUBLE WATER TEST/ DISCOLORATION	Clean and free from contaminants	Clean and free from contaminants	ACCEPTABLE
RESIDUE/GREASE/OIL	Shall not contain	Does not contain	ACCEPTABLE
CONDUCTIVITY TEST	< 150µS/cm2	20µS/cm2, 40µS/cm2, 50µS/cm2	ACCEPTABLE
CHLORIDE TEST	25ppm	-	NA

Witnessed By

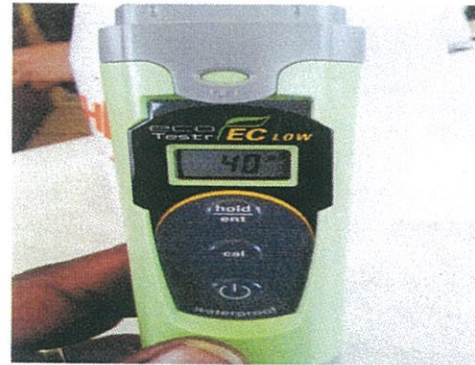

 Rock Garnet Trading Sdn Bhd
 Mr. M. Kumaran
 Director

Witness By

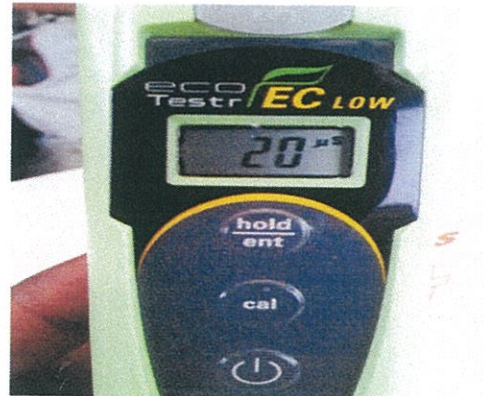
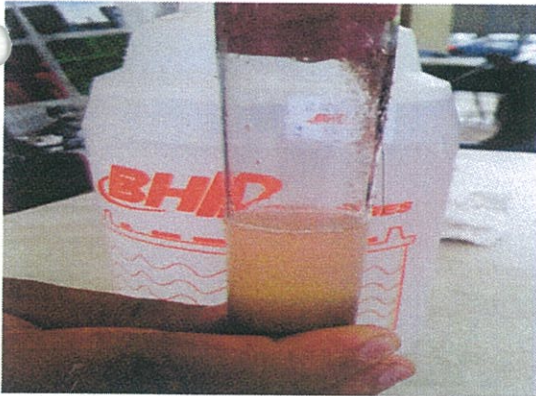

 Kencana Pinewell Sdn Bhd
 Mohd Azrulnizam Bin Abdullah
 Painting Inspector

TEST PICTURES

SAMPLE NO. 1



SAMPLE NO. 2



SAMPLE NO. 3

