



PT. GUNANUSA UTAMA FABRICATORS

**TABULATION ABRASIVE TEST  
ROCK GARNET MESH 30-60  
VENDOR : ROCK GARNET TRADING**

Rev. : 0  
Date : Dec 22, 2009

NO.	DESCRIPTION	STANDART OF TEST	RESULT	ACC. CRITERIA	REMARKS
1	GARNET # 30-60	ISO - 8502 - 6&9	17.85 $\mu$ S/cm	150 $\mu$ S/cm	ACC
2	GARNET # 30-60	ASTM - D4940	25.74mg/m <sup>2</sup>	30 mg/m <sup>2</sup>	ACC
3	GARNET # 30-60	ISO - 8501 - 1 - 1988	Sa.3	Free From Clay	ACC
4	GARNET # 30-60	ISO - 8502 -3	Dust Level 1	Dust Level 1	ACC
5	GARNET # 30-60	ISO - 8503	Sa.3 Roughness 82 $\mu$	Sa.3 Roughness 50 - 75 $\mu$	ACC

**PRESS-O-FILM™** Made in U.S.A.  
No. Rock Garnet  
Reading 122  
Gage less 2.0 mils or 50  $\mu$ m  
**TESTEX** NEWARK, DE 19715 USA  
**X COARSE** (1.5 to 4.5 mils) or (40 to 115  $\mu$ m)

Prepared By,  
PT GUNANUSA UTAMA FAB



**Erwin S.P**  
QC B/P COORDINATOR

**NOTE : AS PER SAMPLE**



PT. GUNANUSA UTAMA  
FABRICATORS (PMDN)

## CONDUCTIVITY TEST

Report No. : TEST - INTERNAL PTG - 08

Rev. : 0

Date : Dec 22, 2009

DATE OF TEST : December 21, 2009

PROJECT : INTERNAL PT. GUNANUSA UTAMA FAB.

EQUIPMENT : - DESTILED WATER  
- WEIGHT MEASUREMENT  
- MEASURED GLASS  
- MICRO TDS CONDUCTIVITY

METHOD OF TEST : CONDUCTIVITY & SALT TEST

REFERENCE : ISO-8502-6 & 9

TEST ON : ROCK GARNET # 30-60

TEST CONDITION	
Water Temperatur	28°C
Water Volume	Aqua Bidestilata Steril 100 mL
Abrasive Weight	100 gr

- Conductivity shall be less than 150  $\mu\text{S/cm}$

RESULT : Abrasive Conductivity ( ROCK GARNET Mesh 30-60) INDICATED

Reading TDS 21  $\mu\text{S/cm}$

Water Correction Factor  $0 \mu\text{S/cm} = 21 \mu\text{S/cm} - 0 \mu\text{S/cm} = 21 \mu\text{S/cm}$

Water Temperature Correction Factor =  $15 \mu\text{S/cm} \times 0.85 = 17.85 \mu\text{S/cm}$

Result Conductivity Test 17.85  $\mu\text{S/cm}$

**ACCEPTABLE**

VENDOR : ROCK GARNET TRADING

Tested By,  
PT. GUNANUSA UTAMA FAB

WAWAN . NK  
Painting Inspector

Checked By  
PT. GUNANUSA UTAMA FAB

ERWIN SP  
QC B/P Coordinator



CONDUCTIVITY TEST  
ROCK GARNET # 30-60 ( ROCK GARNET TRADING )  
ISO - 8502 - 6 & 9



ABRASIVE



WATER CORRECTION FACTOR



WATER TEMPERATURE



READING TDS



WATER VOLUME (AQUA BIDEISTILATA STERIL)



PT. GUNANUSA UTAMA  
FABRICATORS (PMDN)

## SALT CONTAMINATION TEST BRESLE

Report No. : TEST INTERNAL PTG - 08

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Date : Dec 22, 2009

DATE OF TEST : December 21, 2009

PROJECT : INTERNAL PT. GUNANUSA UTAMA FAB.

EQUIPMENT : - DESTILED WATER  
- WEIGHT MEASUREMENT  
- MEASURED GLASS  
- MICRO TDS CONDUCTIVITY

METHOD OF TEST : CHLORIDE ANALYSIS ACCORDING TO BRESLE

REFERENCE : ASTM - D4940

TEST ON : ROCK GARNET # 30-60

GRADE OF BLAST CLEANING : Sa 3 ( SSPC-SP5 )

TEST CONDITION	
Steel Temperature	32 °C
Water Volume	Aqua Bidestilata Steril 30 ml
Description	PLATE

- Salt contamination shall be less than 30 mg/m<sup>2</sup>

RESULT : Abrasive Conductivity ( ROCK GARNET #30-60 ) INDICATED

Reading TDS 46 µS/cm

Water Correction Factor 13 µS/cm

Steel Temperature Correction Factor  $46 - 13 = 33 \times 0.65 = 21.45 \mu\text{S/cm}$

Result Chloride Test  $21.45 \mu\text{S/cm} \times 1.2 = 25.74 \text{mg/m}^2$

**ACCEPTABLE**

VENDOR : ROCK GARNET TRADING

Tested By,  
PT. GUNANUSA UTAMA FAB

WAWAN .NK  
Painting Inspector

Approved By  
PT. GUNANUSA UTAMA FAB

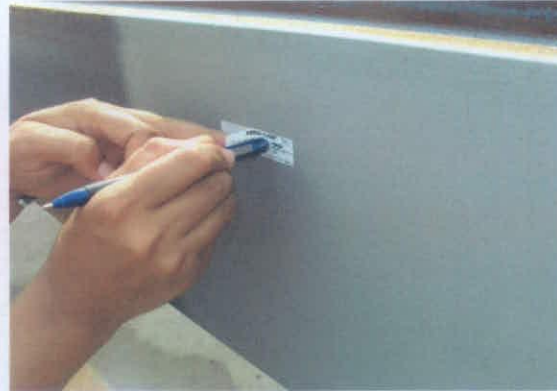
ERWIN SP  
QC B/P Coordinator



## BRESLE TEST ROCK GARNET # 30-60 ( ROCK GARNET TRADING )



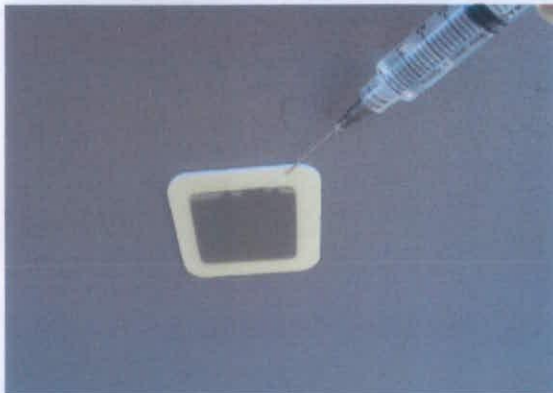
IN PROGRESS BLASTING PAINTING



CHECK SURFACE PROFILE



RESULT SURFACE PROFILE ENVIRO GRIT



IN PROGRESS BRESLE TEST



IN PROGRESS STEEL TEMP.



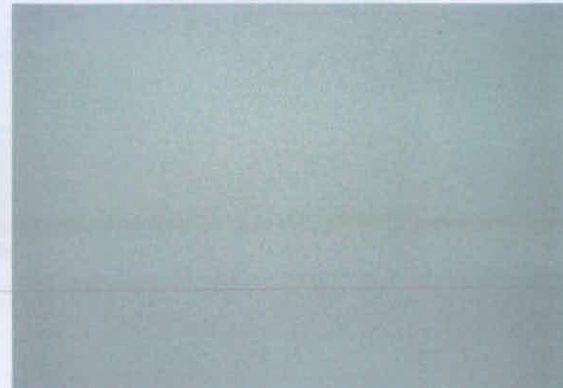
CALIBRATION TEST



WATER CORRECTION FACTOR



READING TDS



PICTURE AFTER BLAST