# KNM PROCESS SYSTEMS SDN. BHD.

QC DEPARTMENT

### **CSN TEST REPORT**

DATE OF TEST	26/6/09		
PROJECT TITLE	NCP ETHYLENE PLANT, AL JUBAIL, ARAB SAUDI.		
METHOD	MANUAL BLASTING		
SUBSTRATE	STAINLESS STEEL		
STANDARD	SSPC - SP7 / ISO - Sa1		
SUPPLIER	ROCK GARNET TRADING		
TEST LOCATION / YARD	MALACCA FABRICATION SHOP		
PERSON PRESENT	Mr. HUZAINI - KNM, Mr. KUMARAN & Mr. KUOK - ROCK GARNET		
	Mr. AMIN GOLING - JGC		
GARNET TYPE	LOW CHLORIDE GARNET (30-60 mesh)		

## TEST RESULTS

INSPECTION CRITERIA	OBSERVATION		REMARKS
	REQUIRED	ACTUAL	REMARAS
CHLORIDE	≤3 μg/cm <sup>2</sup>	1 μg/cm²	ACCEPTABLE
NITRATE	≤ 5 μg/cm <sup>2</sup>	0 μg/cm²	ACCEPTABLE
SULFATE	≤ 10 µg/cm²	3 μg/cm <sup>2</sup>	ACCEPTABLE

Note:

This test report is prepare on the inspection made as the above date and from our best knowledge, it is issue without prejudice.

Conducted By:

KNM Process Systems (M. Bhd. Huzaini Kanas Systems (M. Day 2000)

Witnessed By:

AWITNESSED (13)
REVIEWED
DATE & JUNE 2009
CODE NO
NAMEANNO
MIENTREPRESENTATION

# KNM PROCESS SYSTEMS SDN. BHD.

QC DEPARTMENT

### ABRASIVES TEST REPORT

DATE OF TEST	26/6/09			
PROJECT TITLE	NCP ETHYLENE PLANT, AL JUBAIL, ARAB SAUDI.			
METHOD	MANUAL BLASTING			
SUBSTRATE	STAINLESS STEEL			
STANDARD	SSPC - SP7 / ISO - Sa1			
SUPPLIER	ROCK GARNET TRADING			
TEST LOCATION / YARD	MALACCA FABRICATION SHOP			
PERSON PRESENT	Mr. HUZAINI - KNM, Mr. KUMARAN & Mr. KUOK - ROCK GARNET			
	Mr. AMIN GOLING - JGC			
GARNET TYPE	LOW CHLORIDE GARNET (30-60 mesh)			

### **TEST RESULTS**

INSPECTION CRITERIA	OBSERVATION		REMARKS
	REQUIRED	ACTUAL	KEWAKKS
ANCHOR PROFILE	50μ - 75μ	54μ	ACCEPTABLE
РН	≤ 5	5	ACCEPTABLE
RESIDUE /GREASE/OIL	SHALL NOT CONTAIN	NOT CONTAIN	ACCEPTABLE
SILVER NITRATE	SHALL FREE WHITE PRECIPITATE	FREE WHITE PRECIPITATE	ACCEPTABLE

Note:

1) This test report is prepare on the inspection made as the above date and from our best knowledge, it is issue without prejudice.

Conducted By:

KNM Program Sdn. Bhd.
Huzaini Kasbotan
Painting Inspector

Witnessed By:

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