



PT. SIGMA UTAMA

Trust, Protect and Commit

Marine - Protective - Industrial - Decorative
Ecofriendly Sand - Ink - Herbicide

Factory & Address : Jl. Lanbouw No. 1 Jagorawi Cibinong Bogor Jawa Barat - Indonesia

Telp: 021-8756310 - Fax: 0218753042 - Website: www.sigmutama.com - Email: cs@sigmutama.com

Presentation

Sigmautama Paint

Trust, Protect and Commit



Contents

1 Sigma Utama Introduction

2 Core Bussines

3 Certificate & Technical service

4 Reference list & Sales Product

5 Products



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History of Sigmautama Paint

1. Management

President Director : Mara Amikal, SE

Director : Jaenur Rachman, SE.MM

2. Adresse

PT. Sigma Utama

Jl. Lanbouw No. 1, Jagorawi Cibinong

Bogor - Jawa barat

Telp. : 021-8756310

Fax. : 021-8753042

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Sigmautama Paint

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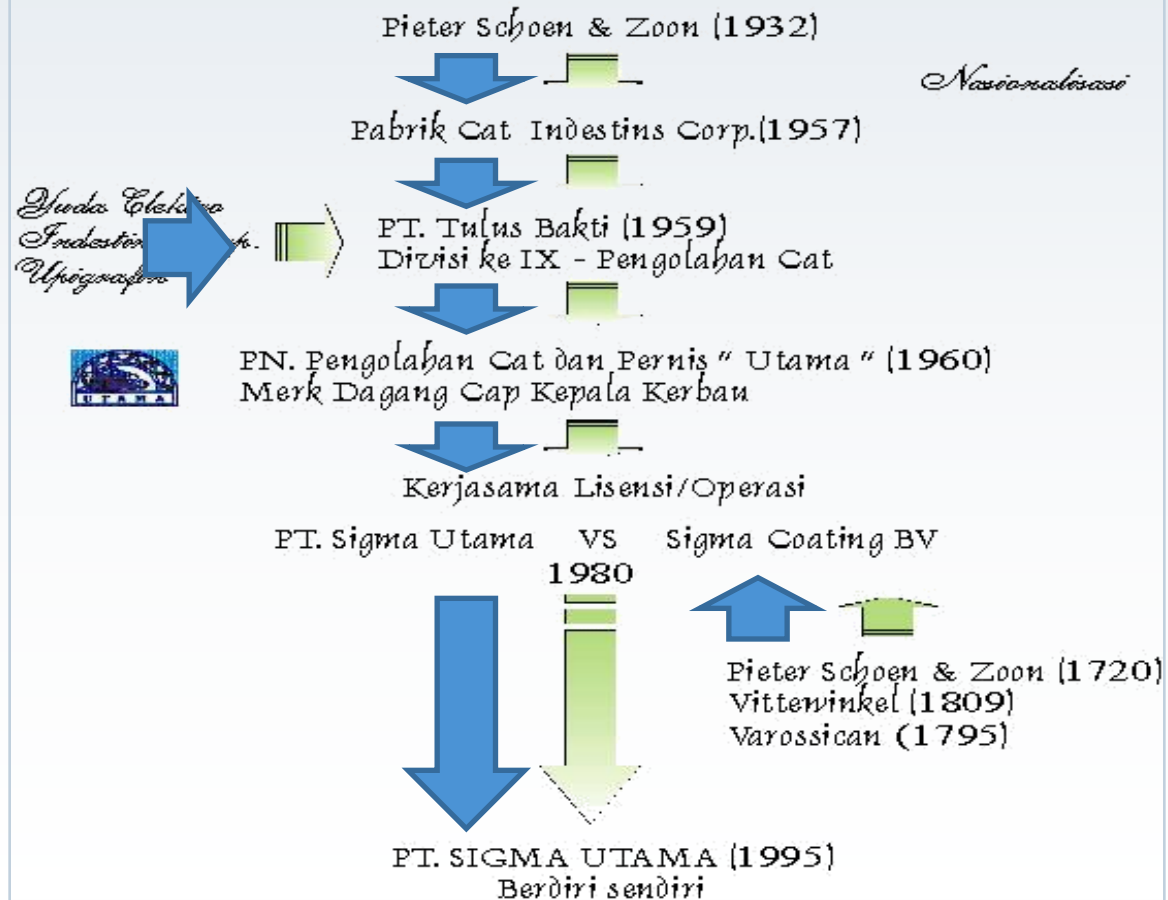
Marine - Protective - Industrial - Decorative
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Factory & Address : Jl. Lanbauw No. 1 Jagorawi Cibinong Bogor Jawa Barat - Indonesia
Telp: 021-6956310 - Fax: 0218753042 - Website: www.sigmainutama.com - Email: cs@sigmainutama.com

Chronology

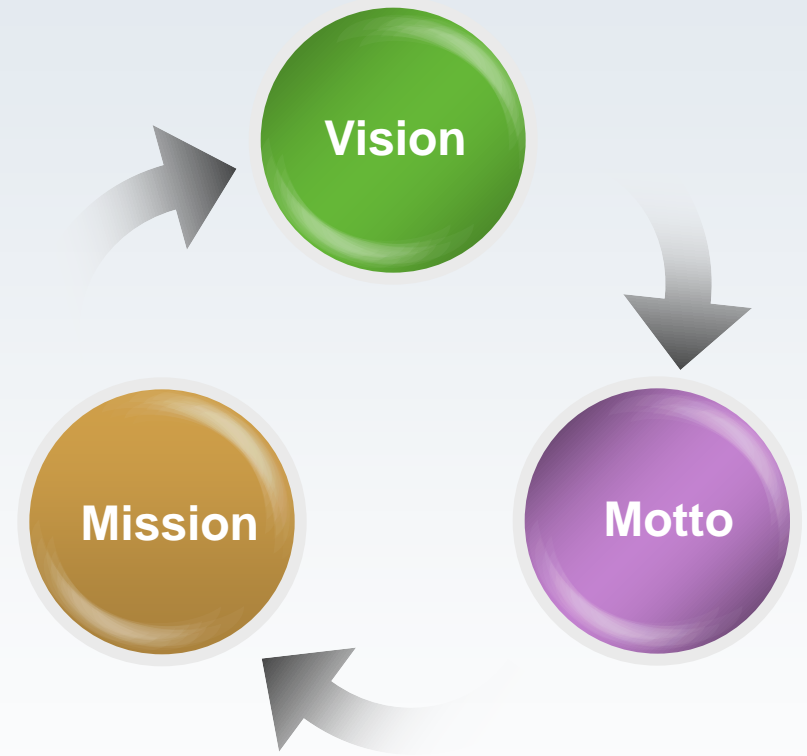
PT. SIGMA UTAMA

MASA LALU



Vision , Mission and Motto

Vision	Becomes company with competitive product in global and national market
Mission	Make the high quality product, inovative, international certified and give the best service to stakes holder
Motto	Trust, Protect and Commit



Sigmautama Paint

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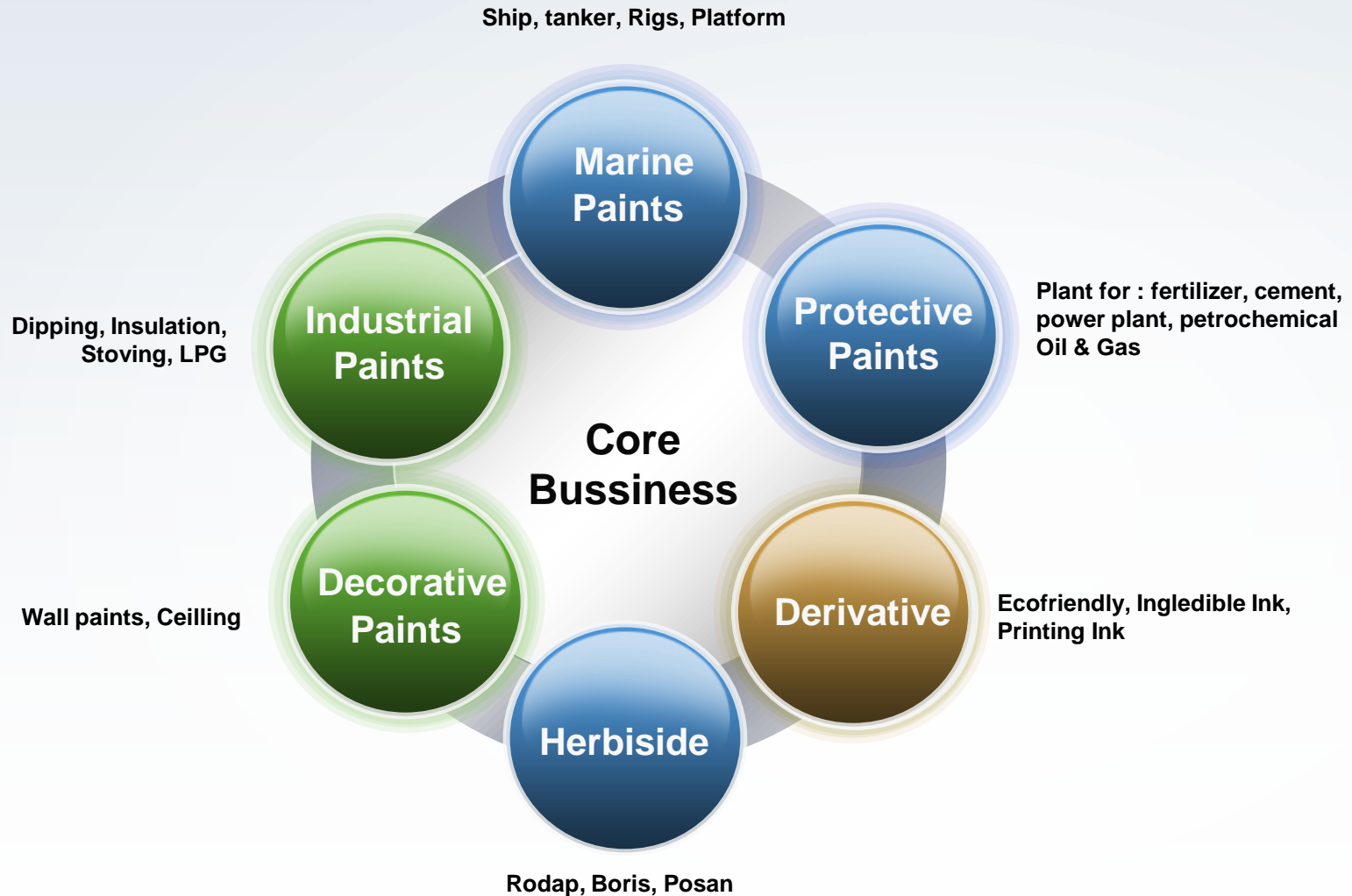
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Core Bussiness



Sales Paint Market

Marine



40%

Protective



30%

Industrial



20%

Decorative



10%

Sigmautama Paint

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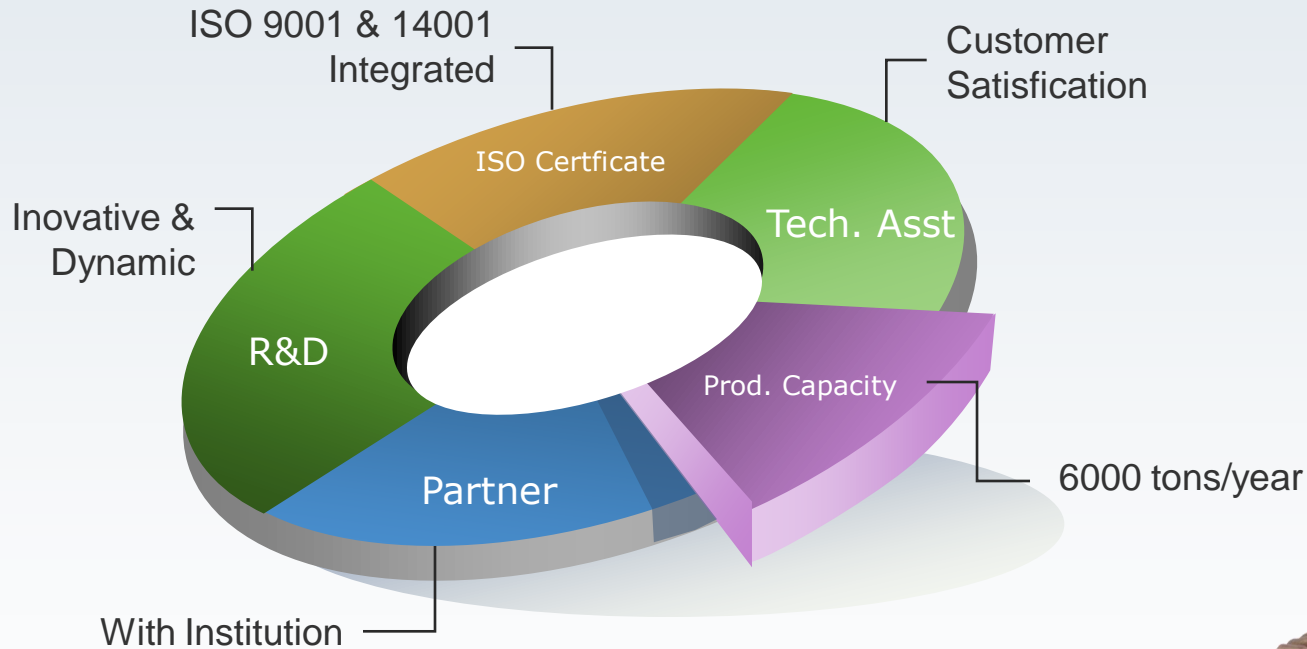
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Support Facilities



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Telp: 021-6756310 - Fax: 0218753042 - Website : www.sigmaindonesia.com - Email : cs@sigmaindonesia.com

Factory & Office



Tangki Mixer Produksi



Area Proses



Mesin Horizontal Mill



Color matching Area

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R&D and QC



Ruang QC



Sample bahan baku



Mini Mixer R&D

Registered Products

- Simazinc[®] no. 461629
- Simarine[®] no. 461631
- Simachlor[®] no. 461630
- Simadoff[®] no. 461622
- Simathane[®] no. 461626
- Simacover[®] no. 461415



- Simatherm[®] no. 462043
- Simaguard[®] no. 461625
- Simafloor[®] no. 461623
- Simadeco[®] no. 461416
- Simanyl[®] no. 461624
- Cute Color[®] no. 352360
- Sima Thinner[®] no. 461627

Sigmautama Paint

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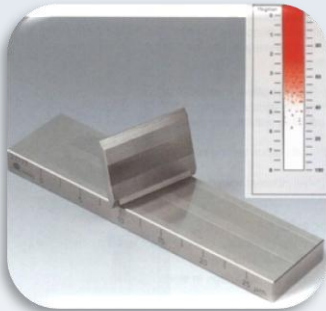
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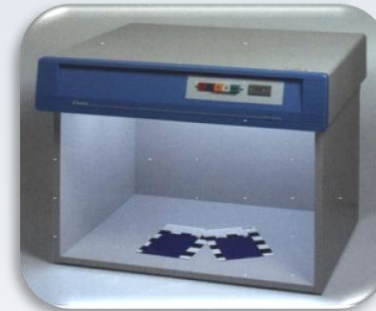
Testing Equipment



fineness



Bar Applicator



Light Test



Uji Warna



Uji Kilap / gloss



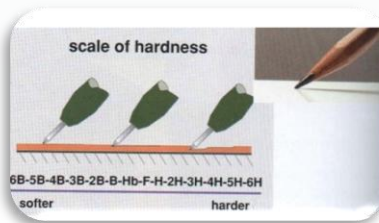
Alat Adhesion Test



Oven s/d temp. 600C



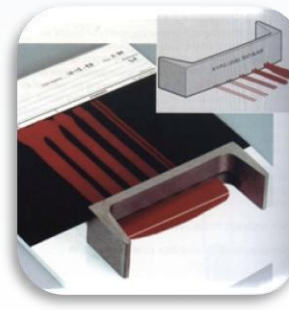
Uji Viscositas DIN4



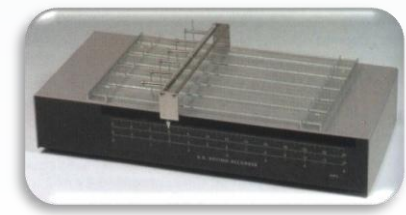
Uji Kekerasan / hardness



Impact Test



Leveling Test



Uji Waktu Pengeringan

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Partnership R&D

PT. Arindo Pacific Chemical

Urethane alkyd, 1997 - 1999

Institut Teknologi Bandung

Penelitian Korosi Atmosferik (RUT) I & II, 2002 - 2004
Penelitian uji korosi dengan EIS, 2002-2003
Penelitian hubungan proteksi katodik vs coating, 2003 - 2004

Wacker Chemie GmbH, Jerman

Indicator temperatur paint
2002 - 2004

PT. BASF Indonesia

Water base resin, 1999 - 2000

Arch Coating

Tin free biocide for anti fouling
2002 - 2005

Thiam Joo Private Limited, Jurong
Singapore

High temperatur application paint,
2003 - 2004

Cardolite Corporation,
Newark, NJ, USA

Underwater cure epoxy, 1999 - 2004
Penetrating primer epoxy, 2001 - 2003
Floor coating, 2000 - 2002

Univ. Indonesia, Lab. MIPA

Penelitian leaching rate anti fouling
2002

Perhutani Anugrah Utama

Thermoplastic fluorescents Road Marking
2005 - now

Rhom and Haas, Germany

Biocide for anti fouling
2001 - 2002

PT. Perkebunan Nusantara III, Medan

Cyclic chlorinated rubber resin
2002 - 2004

Winzone International Pte Ltd,
Singapore

Insulation Coating, 2006 - now

PT. Perkebunan Nusantara
III, Medan

Cyclic chlorinated rubber resin,
2002 - 2004

SUN Chemical Corporation Ohio, USA

Floor coating, 2002 - 2005

Reference Marine Coating

Marine Coating

PERTAMINA
PERKAPALAN
TNI AL
JASA BAHTERA MULIA
PERTAMINA TONGKANG
PUSRI PERKAPALAN
RUKINDO
KOMPAK GROUP
TIMAH
PELINDO
BERANTAS
KALIMANTAN RAYA
KORINDO
TRIBUANA GROUP
BAHARI PERDANA
DOK WARUNA

PELNI
DOK PATRA DUMAI
DOK AIR KATUNG
DOK KOJA BAHARI
DOK KALTIM SHIPYARD
DOK SCUPANG SHIPYARD
IKI MAKASAR
ETAM KALIMANTAN
DOK BAYU SENTOSA
CITRA TUBINDO
SEMBAWANG SHIPYARD
SAC NUSANTARA
KRAKATAU BANDAR SAMUDRA
MERATUS

Reference Protective Coating

Protective Coating

PLN
KAI
PERTAMINA
GUNUNG MADU PLANTATION
LNG ARUN
YASA INDUSTRI NUSANTARA
TAMBANG BATU BARA BUKIT ASAM
INALUM
PUSRI
PUPUK ISKANDAR MUDA
ARUTMIN INDONESIA
PUPUK KALTIM
PUPUK KUJANG
ISM BOGASARI
PETROKIMIA GRESIK
PINDAD
MNA
KRAKATAU TIRTA INDUSTRI
BADAK NGL
INDONESIA POWER

PU BINA MARGA SUMBAR
SINAR MAS GROUP
REKAYASA INDUSTRI
MAXUSS OIL
TAMBANG TIMAH
SEMEN PADANG
TRAFOINDO
INDOCEMENT
CALTEX PACIFIC INDONESIA
PETROCHINA INTERNATIONAL
KONDUR PETROLEUM
JI AIRPORT CENGKARENG
ASEAN ACEH FERTILIZER
INCO
CONOCO PHILIPS
BUKAKA TEKNIK UTAMA
UNOCAL
AMERADA HESS
MAGMA NUSANTARA

Reference Industrial Coating

Industrial Coating

- PT. PINDAD BANDUNG – Cat untuk senjata
- PT. PUMA JAYA – cat Dipping
-

Reference Decorative Coating

Decorative Coating

- PT. AGUNG PODOMORO
- PT. PEMBANGUNAN PERUMAHAN
- UNIVERSITAS LAMBUNG MANGKURAT
- PERUSAHAAN ROKOK BENTOEL
- I PTN BANDUNG
- HOTEL BINTANG BALI
- PEMDA DKI JAKARTA
- KENARI MAS PLAZA
- ASIA WORK INDONESIA
- GEDUNG GRHA SIMATUPANG
- ASURANSI JASINDO
- PEMDA PURWAKARTA
- PEMDA SUMATERA UTARA
- MEDIA INDONESIA
- RS TEBET
- YAYASAN AL KAUTSAR
- DUFAN - ANCOL
- WIKA REALTY
- HOTEL GRAND AQUILA
- PERUM. PALEM SEMI
- PERUM PURI BETA
- ANGKASA PURA
- PERUM BUKIT ALAM SENTUL
- PT. IK POLRI
- PEMDA DI YOGYAKARTA
- COLD MILL INDONESIA UTAMA
- TAMAN MINI INDONESIA INDAH
- PLAZA INDONESIA
- GOR GELORA BUNG KARNO

Sigmautama Paint

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ISO CERTIFICATE

CERTIFICATE

 SUCOFINDO

Certificate No. QSC 00121

 **SUCOFINDO INTERNATIONAL CERTIFICATION SERVICES**

Menyatakan bahwa
Certify that

PT. SIGMA UTAMA (Persero)

telah menerapkan sistem manajemen mutu yang memenuhi
has implemented a quality management system complying with

ISO 9001:2000 / SNI 19-9001:2001
Quality Management Systems - Requirements

Ruang lingkup sertifikasi tercantum dalam Lampiran - 1
The scope of certification is described in appendix - 1

  
Ir. Zafar D. Idham, MBA
Ketua Badan Pelaksana
Chairman of Governing Board



This certificate is valid from June 13, 2005 until June 12, 2008
The certification has been granted the first time on March 02, 1999

Sertifikat ini harus diperagakan/diperbanyak bersamaan dengan Lampiran - 1
This certificate must be displayed/reproduced in conjunction with Appendix - 1

o 200177

 **IQNet**

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and SAI Global hereby certify that
the organization

PT. Sigma Utama

Jl. Lanbouw No. 1 Jagorawi-Cibinong Bogor, West Java, Indonesia

for the following field of activities

The registration covers the Environmental Management System for processes employed for
the manufacture of decorative and marine offshore protective coatings.

has implemented and maintains a

Environmental Management System
which fulfills the requirements of the following standard

AS/NZS ISO 14001:2004

Certificate No.: AU CEM20270 Certified Date: 10 April 2001
Issue Date: 11 July 2007 Expiry Date: 10 April 2010

 
René Wasmer
President of IQNet

 
Alex Ezrakhovich
General Manager Certification
SAI Global

IQNet Partners*
AENOR Spain AFAQ AFNOR France AIB-Vincotte International Belgium ANCE Mexico APCER Portugal CISQ Italy CQC China
CQM China CQS Czech Republic Cro Cert Croatia DQS Germany DS Denmark ELOT Greece FCAV Brazil
FONDSORMA Venezuela HONGKONG HONGKONG China ICNTEC Colombia IMCQ Mexico Inspector Certification Finland
IRAM Argentina JQA Japan KPC Korea MSZT Hungary Nemko AS Norway NSAI Ireland PCBQ Poland QMI Canada
Quality Austria Austria RR Russia SAI Global Australia SII Israel SIQ Slovenia SHRM QAS International Malaysia
SQS Switzerland SRAQ Romania TEST Ss Petersburg PNASU YUQS Serbia
IQNet is represented in the USA by: AFAQ AFNOR, AIB-Vincotte International, CIBQ, DQB, NIAI Inc., QMI and SAI Global
* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

o 500155

ISO 9001:2000 / SNI 19-9001:2001
Quality Management Systems - Requirements

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TECHNICAL SERVICE ACTIVITY

Activities

Before Project

Marketing Dept

- Design of coating System
- Tech. Advice for painting



On Site

Tech. Service

- Tech. Coating Advice
- Inspection
- Coating inspectors



After Delivery

Monitoring Survey

- Handling complaint



End Process



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Coating System

On Pertamina Project's



Ship's Coating System

Topside, Deck, Accommodation

Primer Coat

Simarine R/O Primer 1205-00
DFT 50 micron

Finish Coat

Simarine Enamel 3201-00
DFT 35 micron

Bootop

Primer Coat

- Simarine R/O Primer 1205-00
- Description of the contents

Intermediate Coat

- Description of the contents
- Description of the contents

Finish Coat

- Description of the contents
- Description of the contents

Bootom

Primer Coat

- Simarine R/O Primer 1205-00
- Description of the contents

Intermediate Coat

- Description of the contents
- Description of the contents

Finish Coat

- Description of the contents
- Description of the contents

Structure & Piping Coating System

Alkyd System

Primer Coat

Simarine R/O Primer 1205-00
DFT 50 micron

Finish Coat

Simarine Enamel 3201-00
DFT 35 micron

Epoxy & PU System

Primer Coat

Simacover EP Unicoat 2401-00
DFT (dry film thickness) 50 mic

Finish Coat

Simathane Gloss 3500-00
DFT 75 micron

Tank Coating System (Internal)

Epoxy System

Primer Coat

Simaguard Phenecoat Primer 1403-00
DFT 100 micron

Intermediate Coat

Simaguard Phenecoat Coating 2403-00
DFT 100 micron

Finish Coat

Simaguard Phenecoat Coating 2403-00
DFT 100 micron

Or

Primer Coat

Simacover EP Primer 1400-00
DFT 50 micron

Finish Coat

Simaguard EP HB 3407-00
DFT 100 micron

Tank Coating System (External)

Alkyd System

Primer Coat

Simarine R/O Primer 1205-00
DFT 50 micron

Finish Coat

Simarine Enamel 3201-00
DFT 35 micron

Epoxy & PU System

Primer Coat

Simacover EP Unicoat 2401-00
DFT (dry film thickness) 50 mic

Finish Coat

Simathane Gloss 3500-00
DFT 75 micron

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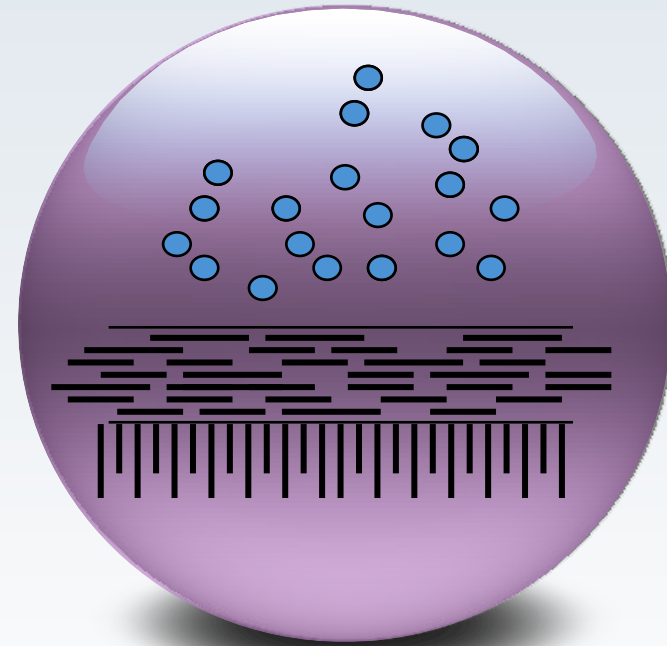
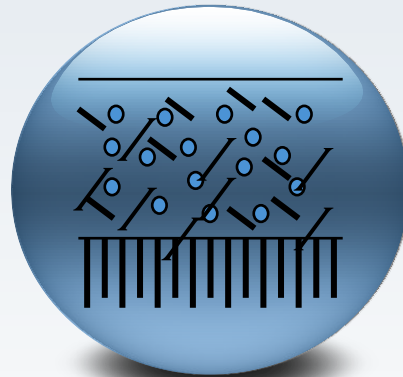
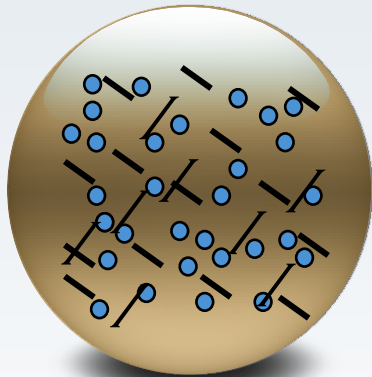
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Ecofriendly Sand - Ink - Herbicide

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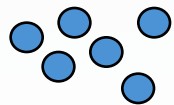
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Phisically Process

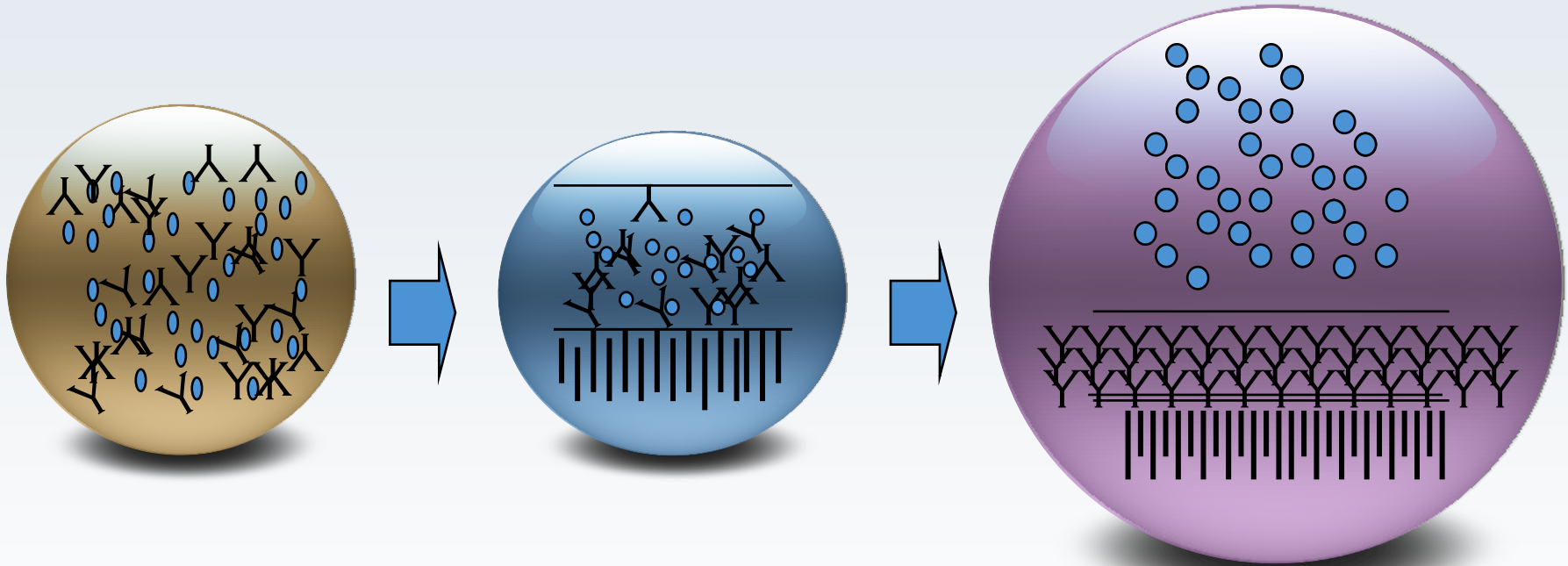


= PENGIKAT (BINDER)



= PELARUT (SOLVENT)

Chemically Process



 = PENGIKAT (BINDER)

 = PELARUT (SOLVENT)

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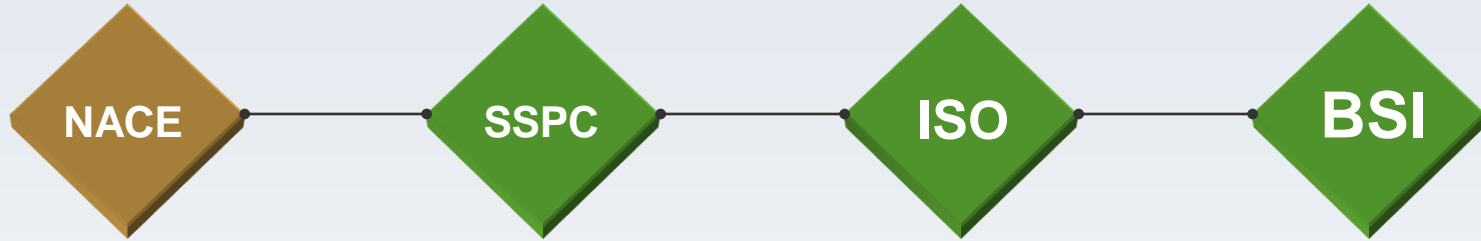
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Surface Preparation Standard



NATIONAL CORROSION ENGINEERS

STEEL STRUCTURE PAINTING COUNCIL

INTERNATIONAL ORGANIZATION
FOR STANDARDIZATION

BRITISH STANDARDS INSTITUTE

1

5

Sa 3

1st Quality

2

10

Sa 2.5

2nd Quality

3

6

Sa 2

3rd Quality

8

14

-

-

4

7

Sa 1

-

Surface Preparation

METHOD

- Solvent Cleaning
- Handtool Cleaning
- Powertool Cleaning
- White Metal Blast
- Commercial Blast

- Bush off blast
- Pickling
- Powertool to bare metal
- Industrial Blast Cleaning

SSPC - SP

- No.1
- No. 2
- No. 3
- No. 5
- NO. 6

- No. 7
- No. 8
- No. 11
- No. 14

CONDITION

- Removes Grease and Oil
- Removes Loose Mill Scale, Rust and Paint
- Removes Loose Mill Scale, Rust and Paint
- 100% free of visible contaminants e
- Free all visible contaminants except or shadows, streaks, on stains on up to 33%
- Remove all loose mill scale , loose rust, and loose paint
- Removes Loose Mill Scale and Rust
- Roughened Surface Visibly Free of Contaminants
- Removes all visible oil, grease, dust and dirt. Traces of tightly adhering mill scale, rust and paint residues may total 10% of each unit area.

Desire Film Properties

Desire Film Properties

- Flexibility
- Good Adhesion
- Continous Film
- Low Permeability
- Heat Resistance
- Abrasion resistance
- Chemical Resistance
- Biological Growth Resitance

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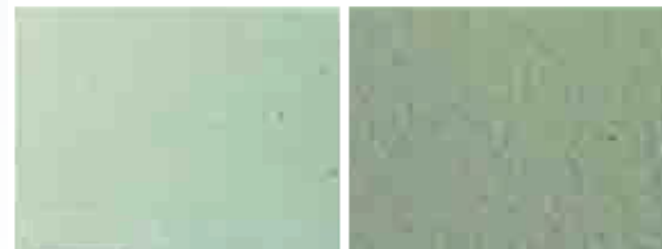
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Steel Cleaning level (Low – High)

Steel Cleaning Level

Drying Oil
Alkyd
Coal Tar /
Asphaltic
Water - Borne
Acrylic
Epoxy Mastic
Vinyl Lacquer
Chlorinated
Rubber
Epoxy / Coal
Tar Epoxy
Polyurethane
Organic Zinc
Inorganic Zinc



Minimum Surface Preparation Required

Generic Paint	SSPC-SP	NACE	ISO
Alkyd & Oil Based Coating	6	3	Sa 2
Water-Borned Acrylic	6	3	Sa 2
Epoxy	6	3	Sa 2
Zinc-Rich Epoxy	6	3	Sa 2
In-Organic Zinc	10	2	Sa 2.5



Exposure Environment

EXPOSURE ENVIRONMENT

- Inland, Rural
- Heavy Industrial
- Marine Atmospheric
- Fresh & Salt Water Immersion
- Alternative Water Immersion
- Condensation & High Humidity
- Chemical Environments
- Underground



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Vendor List Letter's

- Pertamina PKK Reg. No :
- Pertamina Tongkang Reg. No :
- Pertamina Perkapalan Reg. No :
- Pertamina Unit Pengolahan Reg. No :
- Pertamina Gas Domestik Reg. No :



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Pertamina Project Reference

Pertamina Tongkang

• **2000 - 2006**

Contract Supply Paint Material

Pertamina Perkapalan

• **2000 - now**

Contract Supply Paint Material

Pertamina UP 1 - Batam

• **2004**

Maintenance of Internal Aftur Tank

Pertamina UP 2 - Ambon

• **2000 - 2010**

ThemeGallery is a Design Digital Content & Contents mall developed by Guild Design Inc.

Pertamina Project Reference

Pertamina UPMS III – Plumpang Jakarta

• 2000 - 2010

- Maintenance Tank Coating in Depot Tanjung Priuk on 2007
- Maintenance Tank Coating BBM on 2010
- Maintenance Pipe Tank Coating on 2010
- Maintenance Roof and shell Tank Coating on 2007

Pertamina UP IV - Cilacap

• 2004 - now

- Maintenance Tank Coating on 2006
- Maintenance Tank Coating on 2007
- Maintenance Tank Coating on 2008
- Maintenance Tank Coating on 2009
- Maintenance Tank Coating Area T-70, T-70 on 2010

Pertamina UP V – Balikpapan

• 2009 - now

- Coating for Tank coating D31-D32 maintenance.

Pertamina Project Reference

Pertamina Balongan – Indramayu

• **2010**

Repainting Single Bouy Mooring

Pertamina Cengkareng - Jakarta

• **2010**

Repainting Single Bouy Mooring

Pertamina Gas Domestik

• **2010**

Repainting LPG Tank 3kg, 12 kg, 50kg weight

Pertamina PKK

• **2000 - 2010**

Contract Supply paint material

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Ecofriendly Sand - Ink - Herbicide

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Telp: 021-6756310 - Fax: 0218753042 - Website: www.sigmainutama.com - Email: cs@sigmainutama.com



Sigmautama Paint

PT. SIGMA UTAMA

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Ecofriendly Sand - Ink - Herbicide

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Ship Project Reference



Pendopo



Karmila



Pendopo



Seram



Bekapai



Pangkalan Susu



Mangun Jaya



Manggala



Pandan

Tank Project Reference



BBM Storage Tank Depot Plumpang
Pertamina UPMS III Jakarta



BBM Storage Tank- Blue Sky Project
Pertamina UP VI Balongan Indramayu



Avtur Storage Tank
Pertamina UP VI Ambon



BBM Storage Tank
Pertamina UP IV Cilacap - Jawa tengah



BBM Storage Tank-
Pertamina UP Sorong Papua

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Pipe Project Reference



Pipeline BBM
Pertamina UP VI Balongan Indramayu



Pipeline BBM
Pertamina UP VI Ambon



Pipe line BBM
Pertamina UP Tanjung Gerem Cilegon

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Underwater Project Reference



**Single Bouy Mooring
Pertamina Balongan Indramayu**



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www.sigmautama.com

