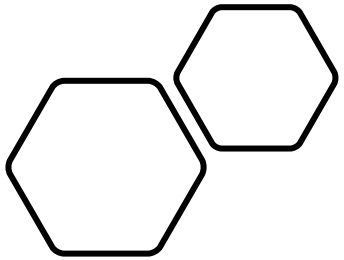
PT. RODA KONSTRUKSI UTAMA

GENERAL CONTRACTOR - STEEL CONSTRUCTION

PT. Roda Konstruksi Utama

Determined to continue improving **quality** and strengthen its **commitment** toward works, by constantly striving to give the **best service**.

Our History



- is a trusted construction company in Indonesia which was incorporated in June 1995. And we launched to public and started our business on September 1995, three months afterwards.
- Looking at the high market opportunities of construction services in Indonesia, we started our business focusing on scope steel construction. Time by time, we expanded our business starting from stepping into the advertisement board construction then to civil construction. And finally to mechanical and electrical construction which marked another milestone in our history and entitled us as a trusted general contractor.

Company Profile

- COMPANY NAME : PT. Roda Konstruksi Utama
- Head Office : Green Garden, Blok Y3 NO 48
  Kedoya Utara, Jakarta Barat, Telp : 021 5812354
- BOARD OF DIRECTOR : Taufik Ng President Director
  Febian Director
  Foyanto commissioner

OPERATING LICENSE : Construction Services License (I.U.J.K) Grade B1

BUSINESS MEMBERSHIP : National Contractors Association of Indonesia (GAPENSI)

BUSINESS LINE : General Contractor

:

Vision & Mission

- **Vision**

RKU aims to be the most reliable construction company in Indonesia

Mission

- In Realizing this vision RKU
  - We emphasize our intimate relationship with all our clients, while maintaining our professionalism.
  - Positioning business partners as part of the teamwork
  - Prioritizing customer satisfaction
  - We believe in human capital, those are bright and charming, as our greatest assets.
  - We are focused on attracting, training and retaining the best talent.
  - We treasure our firm as a family.
  - Increase Competitive advantages by :
    a. Developing innovation by using technology
    b. Partnering with the best

Values
We endeavor to deliver our service with exceptional quality

Excellence
We endeavor to deliver our service with exceptional quality to our clients. Client's satisfaction is our goal in each and every assignment.

Human Capital
We believe in human capital, those are bright and charming, as our greatest assets. We therefore focus on attracting, training and retaining the best talent.

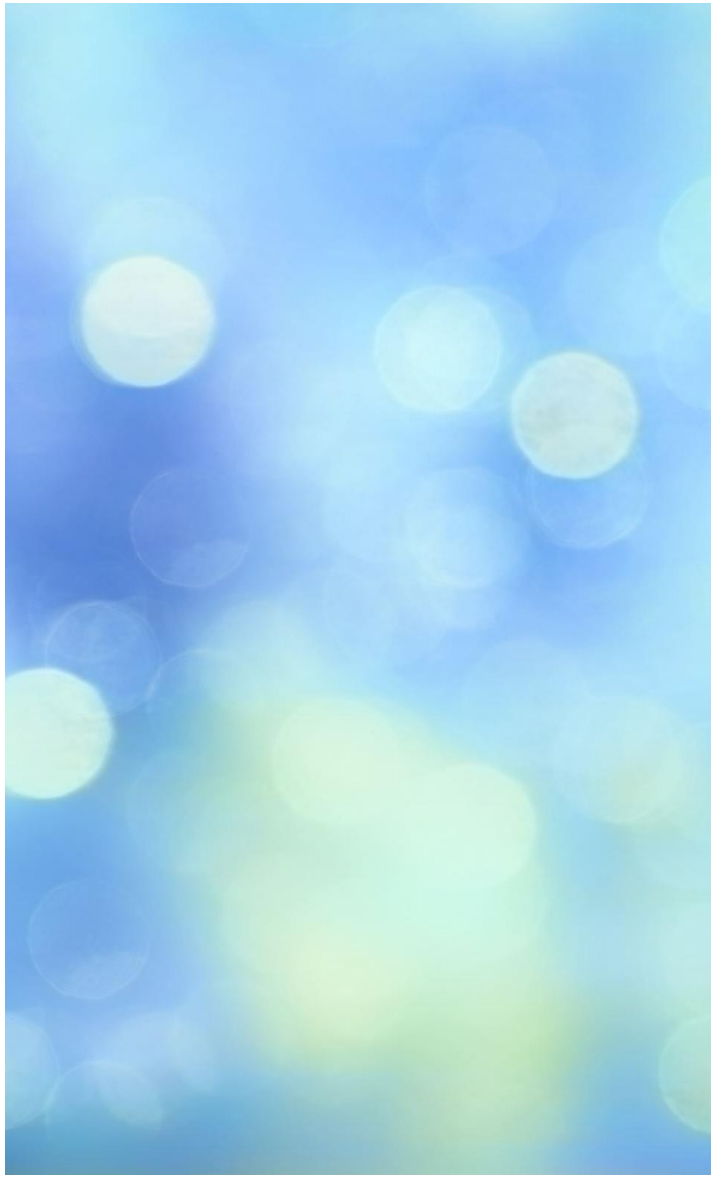
Credibility and Integrity
We take great pride on our credibility due to our integrity that we have developed over time.

Independence and no self-interest
We are devoted to offering our clients an independent, trusted and unbiased advice.

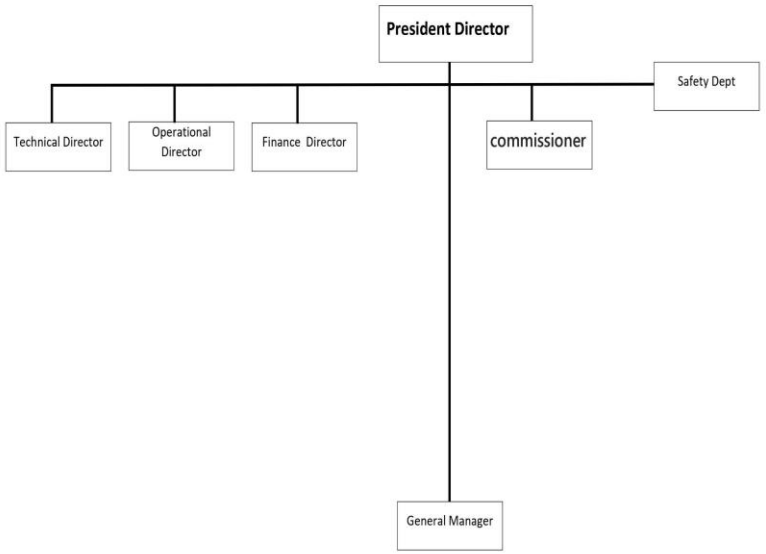
Clients intimacy
We emphasize our intimate relationship with all of our clients, while maintain our professionalism.

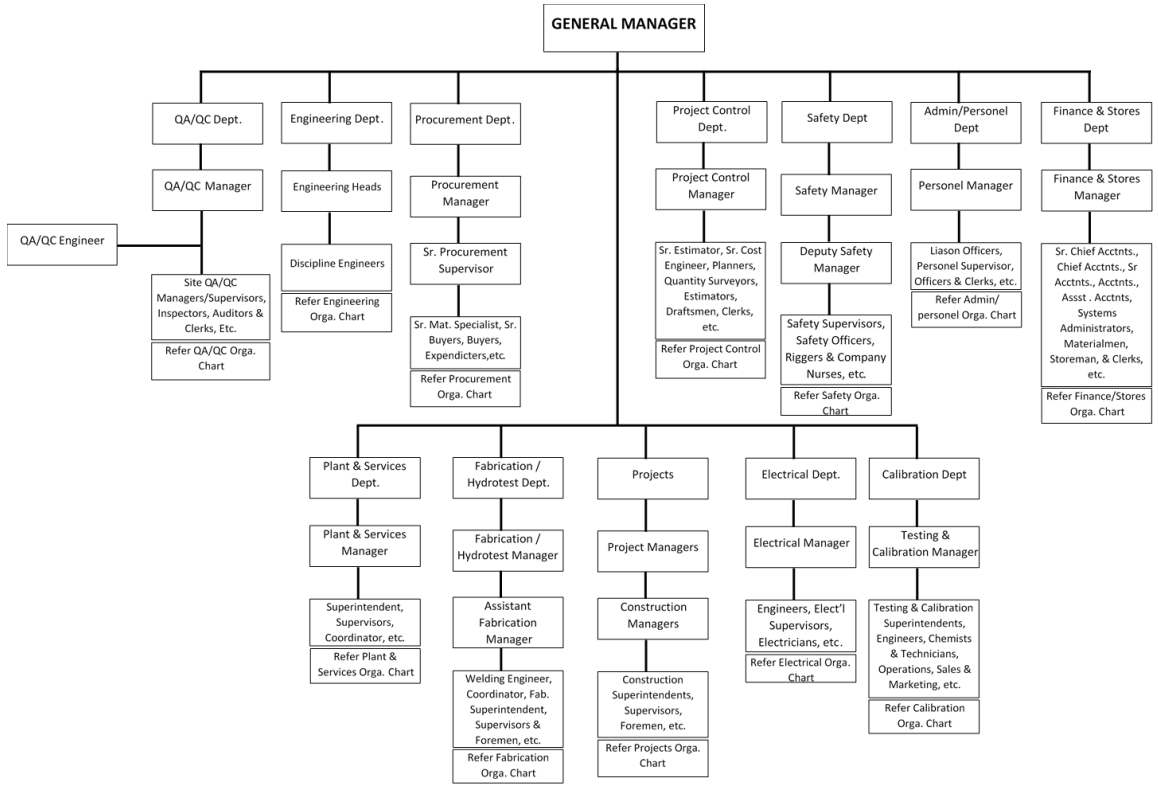
Warm Culture
We treasure our firm as a family. The family is nurtured with an entrepreneurial culture that celebrates individual's achievement, while emphasizing teamwork as our core values.

Innovative
We always strive to innovate, ride the early trend and adapt as our markets change.



COMPANY ORGANIZATION STRUCTURES





Our Workshop

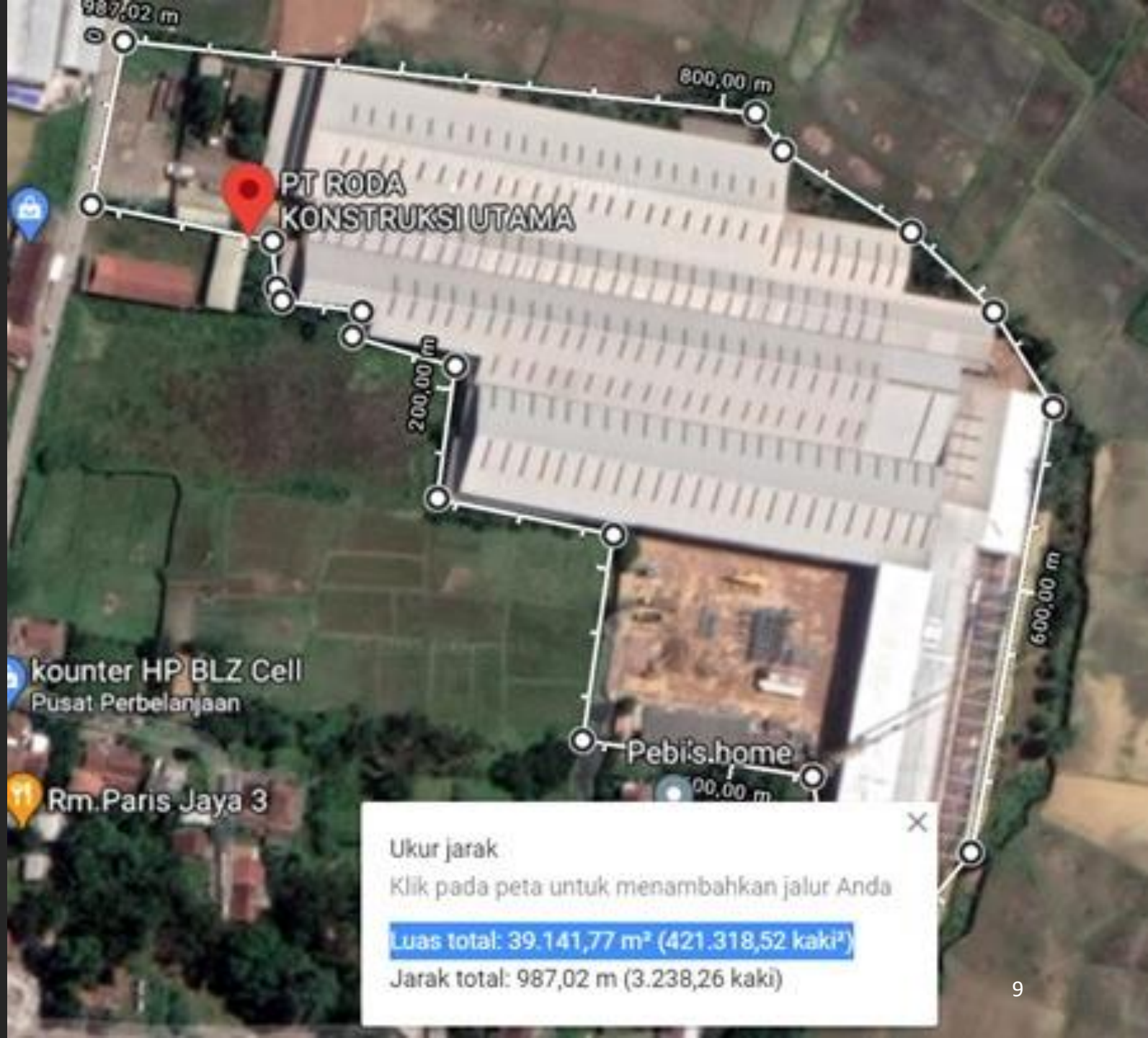
- PT. Roda Konstruksi Utama have 2 (two) Workshops that can support the implementation of the Project. The location of Workshop-#I is located at Jl. Raya Legok no. 3, Cijantra Village-South Tangerang, with area ± 1 Ha and has a fabrication capacity of 500 Ton/Month;
- While the Location of Workshop-#II located on Jl. Desa Mekar Jaya, Kec. Panongan, Curug - South Tangerang, with area ± 4 Ha has 2000 Ton/month fabrication capacity.
- Therefore PT. RKU has a fabrication capacity of 2000 ton / month in total. Based on that, PT. RKU optimist and sure can able to support project smoothly and on time.
-

WORKSHOP #I

- Location : Jl. Raya Legok No. 3
- Desa Cijantra, Tangerang Selatan
- Total Area : ± 1 hectare
- Production Capacity : 500 tons/month
- Core Production : Mechanical and Electrical Project
- Office Staff : 10 personnel
- Workshop Worker : 50 personnel

WORKSHOP #II

- Location : Jl. Desa Mekar Jaya, Kec. Panongan Curug, Tangerang
- Total Area : ± 40.000M2
- Production Capacity : 2,000 tons/month
- Core Production : Construction Project
- Office Staff : 60 personnel
- Workshop Worker : 250 personnel



WORKSHOP II
PT. RODA KONSTRUKSI UTAMA

Equipment And Facility List

1. CNC Three-Side Drilling Machine	9. Scrapping Machine
2. Radial Drilling Machine	10. Hoist Crane
3. Automatic Beveling Machine	11. Rougher Crane
4. Band Saw	12. Mobile Crane
5. Shearing Machine	13. Truck mobile crane
6. Bending Machine	14. Tower crane
7. Sandblasting & painting machine	15. Roll pipe machine
8. Roller Bending Machine	16. Beam line machine

CNC Machine

HUGONG

2 LINE CNC Beam machine

Band Sawing Machine for Beams Model BS1000A

Trihedral CNC Beam Drilling Machine (SWZ)

1) Sawing capacity (without rotation) (web height × flange width):
Max. 1000 × 500 mm
Min. 200 × 75 mm

2) Saw blade size (mm):
Thickness: 1.6 Width: 54 Length: 7600

3) Saw blade linear speed (m/min): 20 ~ 80

CNC Beam Punching

CNC Beam Bevelling

OWNED HEAVY EQUIPMENT FOR ERECTION

KATO CRANE 65 TON 1 UNIT	TADANO CRANE 60 TON 1 UNIT	TADANO CRANE 55 TON 1 UNIT	TADANO CRANE 50 TON 3 UNIT	TADANO CRANE 35 TON 1 UNIT
KATO CRANE 35 TON 1 UNIT	TADANO CRANE 25 TON 3 UNIT	KATO CRANE 25 TON 7 UNIT	KATO CRANE 20 TON 1 UNIT	UNIC CRANE 30 TON 1 UNIT
	BOOM LIFT 3 UNIT	SUPER BOOM LIFT 2 UNIT	TOWER CRANE 1 UNIT	

KATO

KUREJYU

KATO
SR-250R

CREVO 250

KATO

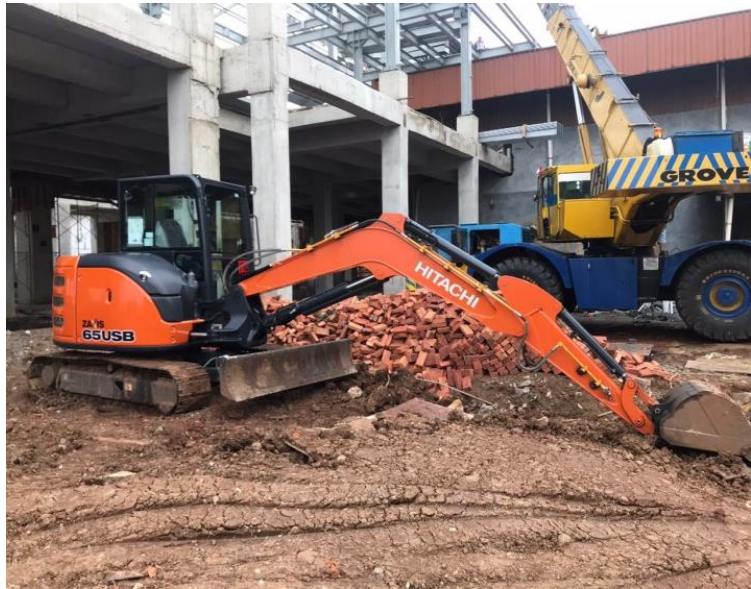
KATO

KATO

TADANO

AICHI

SV525D
SAKAI
SAKAI
RKU


HITACHI
ZA'IS
65USB

TADANO

TADANO

KATO

GROVE

TADANO

MITSUBISHI FUSO
KATO

KATO

Company Legal Certification

LEMBAGA PENGEMBANGAN JASA KONSTRUKSI
Construction Services Development Board

Nomor 0545175

SERTIFIKAT BADAN USAHA JASA PELAKSANA KONSTRUKSI

Berdasarkan ketentuan pasal 8 huruf b dan berdasarkan pasal 17 ayat (4) dan ayat (5) Undang - Undang No. 18 Tahun 1999 tentang Jasa Konstruksi dengan ini Lembaga Pengembangan Jasa Konstruksi menetapkan bahwa :

Nama Badan Usaha	RODA KONSTRUKSI UTAMA, PT
Nama Pimpinan / P.JBU	Taufik Ng
Alamat Badan Usaha	Green Garden Blok Y.3 Rt. 004/003, Kel. Kedoya Utara, Kec. Kebon Jeruk
Kabupaten / Kota	Kota Jakarta Barat
Provinsi	DKI Jakarta
No. Telepon	021-5812354
Kodepos	11520
No. Fax	021-58356890
E-mail	
NPWP	01.686.332.5-038.000
Jenis Usaha	Jasa Pelaksana Konstruksi
Sifat Usaha	Umum
Kekayaan Bersih	Rp. 10.753.279.000
Nomor Registrasi	0 - 3174 - 08 - 002 - 1 - 09 - 501062

Dinyatakan memiliki kemampuan dengan klasifikasi dan kualifikasi sebagaimana yang tercantum di halaman belakang sertifikat ini.
Sertifikat ini diterbitkan pertama tanggal 10 November 2017 berlaku sampai dengan tanggal 09 November 2020 dengan kewajiban registrasi ulang tahun ke-2 paling lambat tanggal 09 Mei 2019 dan registrasi ulang tahun ke-3 paling lambat tanggal 09 Mei 2020

Ditetapkan di Jakarta
Pada Tanggal 10 November 2017

Badan Pelaksana LPJK Provinsi DKI Jakarta

Irianto Mangunsong
Manajer Eksekutif A

LEMBAGA PENGEMBANGAN JASA KONSTRUKSI
Construction Services Development Board

Nomor 0545174

SERTIFIKAT BADAN USAHA JASA PELAKSANA KONSTRUKSI

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Nama Pimpinan / P.JBU	Taufik Ng
Alamat Badan Usaha	Green Garden Blok Y.3 Rt. 004/003, Kel. Kedoya Utara, Kec. Kebon Jeruk
Kabupaten / Kota	Kota Jakarta Barat
Provinsi	DKI Jakarta
No. Telepon	021-5812354
Kodepos	11520
No. Fax	021-58356890
E-mail	
NPWP	01.686.332.5-038.000
Jenis Usaha	Jasa Pelaksana Konstruksi
Sifat Usaha	Umum
Kekayaan Bersih	Rp. 10.753.279.000
Nomor Registrasi	0 - 3174 - 07 - 002 - 1 - 09 - 501062

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Ditetapkan di Jakarta
Pada Tanggal 10 November 2017

Badan Pelaksana LPJK Provinsi DKI Jakarta

Irianto Mangunsong
Manajer Eksekutif A

LEMBAGA PENGEMBANGAN JASA KONSTRUKSI
Construction Services Development Board

Nomor 0545176

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Kabupaten / Kota	Kota Jakarta Barat
Provinsi	DKI Jakarta
No. Telepon	021-5812354
Kodepos	11520
No. Fax	021-58356890
E-mail	
NPWP	01.686.332.5-038.000
Jenis Usaha	Jasa Pelaksana Konstruksi
Sifat Usaha	Umum
Kekayaan Bersih	Rp. 10.753.279.000
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Ditetapkan di Jakarta
Pada Tanggal 10 November 2017

Badan Pelaksana LPJK Provinsi DKI Jakarta

Irianto Mangunsong
Manajer Eksekutif A

LEMBAGA PENGEMBANGAN JASA KONSTRUKSI
Construction Services Development Board

Nomor 0545173

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Ditetapkan di Jakarta
Pada Tanggal 10 November 2017

Badan Pelaksana LPJK Provinsi DKI Jakarta

Irianto Mangunsong
Manajer Eksekutif A

GAPENSI

KARTU TANDA ANGGOTA BIASA
GABUNGAN PELAKSANA KONSTRUKSI NASIONAL INDONESIA (GAPENSI)

65th

NAMA PERUSAHAAN	:	**PT. RODAKONSTRUKSI UTAMA**
NAMA PIMPINAN	:	**TAUFIK, NG**
ALAMAT PERUSAHAAN	:	Green Garden Blok Y-3/48 Rt.004/03, Kedoya Utara, Kebon Jeruk, Kota Jakarta Barat, DKI Jakarta Kodepos 11520 Telp. 021-5812354 Fax. 021-58356890
EMAIL PERUSAHAAN	:	
GOLONGAN	:	Besar Satu (B1)
Adalah Anggota Biasa GAPENSI Provinsi	:	DKI Jakarta

Nomor Registrasi : 03.2018.31.3174.014400

Jakarta, 23 Juni 2020
Badan Pengurus Pusat GAPENSI

H. ISKANDAR Z. HARTAWI
Ketua Umum

Badan Pengurus Daerah GAPENSI
Provinsi DKI Jakarta

GIBSON NAINGGOLAN, SE
Ketua Umum

Badan Pengurus Cabang GAPENSI
Kota Jakarta Barat

IR. HOTLAN PANJAITAN
Ketua

Berlaku dari 1 Januari 2020 sampai dengan 31 Desember 2020

Keabsahan KTA ini dapat di cek di situs www.gapensi.link

KAN Komite Akreditasi Nasional
PROFIT profesional berintegritas

ISO 9001 Quality Management

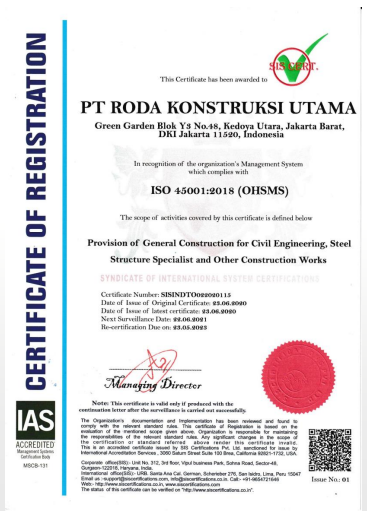
ISO 14001 Environmental Management

ISO 45001 Health & Safety Management

SIS CERT.

IAS ACCREDITED Management Systems Certification Body

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF



CERTIFICATE OF REGISTRATION

This Certificate has been awarded to

PT RODA KONSTRUKSI UTAMA

Green Garden Blok Y3 No.48, Kedoya Utara, Jakarta Barat, DKI Jakarta 11520, Indonesia

In recognition of the organization's Management System which complies with

ISO 45001:2018 (OHSMS)

The scope of activities covered by this certificate is defined below

Provision of General Construction for Civil Engineering, Steel Structure Specialist and Other Construction Works

SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS

Certificate Number: SISINDTO022020115
Date of Issue of Original Certificate: 23.06.2020
Date of Issue of latest certificate: 23.06.2020
Next Surveillance Date: 22.06.2021
Re-certification Due on: 23.05.2023

Managing Director

Note: This certificate is valid only if produced with the continuation letter after the surveillance is carried out successfully.

The Organization's documentation and Implementation has been reviewed and found to comply with the relevant standard rules. This certificate of Registration is based on the evaluation of the mentioned scope given above. Organization is responsible for maintaining the responsibilities of the relevant standard rules. Any significant changes in the scope of the certification or standard referred above render this certificate invalid. This is an accredited certificate issued by SIS Certifications Pvt. Ltd. sanctioned for issue by International Accreditation Services , 3060 Saturn Street Suite 100 Brea, California 92821-1732, USA.

Corporate office(SIS):- Unit No. 312, 3rd floor, Vipul business Park, Sohna Road, Sector-48, Gurgaon-122018, Haryana, India.
International office(SIS):- URB. Santa Ana Cal. German, Scherieber 276, San Isidro, Lima, Peru 15047
Email us :-support@siscertifications.com, info@siscertifications.co.in. Call:- +91-9654721646
Web:- http://www.siscertifications.co.in, www.siscertifications.com
The status of this certificate can be verified on "http://www.siscertifications.co.in".

Issue No.: 01

CERTIFICATE OF REGISTRATION

This Certificate has been awarded to

PT RODA KONSTRUKSI UTAMA

Green Garden Blok Y3 No.48, Kedoya Utara, Jakarta Barat, DKI Jakarta 11520, Indonesia

In recognition of the organization's Management System which complies with

ISO 9001:2015 (QMS)

The scope of activities covered by this certificate is defined below

Provision of General Construction for Civil Engineering, Steel Structure Specialist and Other Construction Works

SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS

Certificate Number: SISINDTQ068001116
Date of Issue of Original Certificate: 23.06.2020
Date of Issue of latest certificate: 23.06.2020
Next Surveillance Date: 22.06.2021
Re-certification Due on: 23.05.2023

Managing Director

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Email us :-support@siscertifications.com, info@siscertifications.co.in. Call:- +91-9654721646
Web:- http://www.siscertifications.co.in, www.siscertifications.com
The status of this certificate can be verified on "http://www.siscertifications.co.in".

Issue No.: 01

IAS ACCREDITED Management Systems Certification Body MSCB-131

PT. MUTU INDONESIA GEMILANG GLOBAL
Certification, Inspection, Supervision, Assessment & Testing Company

BERITA ACARA PELAKSANAAN AUDIT SMK3

Pada hari ini :

Hari : Selasa
Tanggal : 30 Juni 2020
Jam : 16.06 WIB

Telah dilaksanakan rapat penutupan Audit SMK3 oleh lembaga audit SMK3 PT. Mutu Indonesia Gemilang Global (MIGG) terhadap **PT RODA KONSTRUKSI UTAMA.**

Tanggal Pelaksanaan	: 29 - 30 Juni 2020
Lokasi Audit	: Kantor Pusat
Alamat Perusahaan	: GREEN GARDEN BLOK Y-3 NO. 48, Kel. Kedoya Utara, Kec. Kebon Jeruk, Kota Adm. Jakarta Barat, Prov. DKI Jakarta
Jenis Usaha	: GENERAL KONTRAKTOR
Kategori Penerapan	: Awal (64 Kriteria)

Sesuai dengan jadwal dan perencanaan audit yang dibuat oleh lembaga Audit SMK3 PT. Mutu Indonesia Gemilang Global (MIGG).

Adapun temuan Ketidaksesuaian terhadap kriteria SMK3 sebagai berikut:

Kritikal : -
Major : -
Minor : 9

Detail temuan ketidaksesuaian yang telah disepakati dan target penyelesaian seperti terlampir.

Berdasarkan data temuan diatas, presentase pemenuhan Kriteria Audit SMK3 PP Nomor 50 Tahun 2012, maka direkomendasikan dapat tingkat keberhasilan sebagai berikut:

Tingkat keberhasilan: $\frac{64-9}{64} \times 100\% = 85.94\%$

Demikian Berita Acara ini dibuat untuk digunakan sebagaimana mestinya.

Jakarta, 30 Juni 2020

TAUFIK, NG	**MOCH HAMZAH, ST, MT**	**BA-MIGG-157**
Auditee/ Pimpinan Perusahaan	Ketua Tim Audit	

Komplek Perkantoran Duta Mas Blok C2 Jl. RS. Fatmawati Kav. 29 Cipete Utara Kebayoran Baru Jakarta Selatan 12150
Email : migg.certification@gmail.com
Website : www.mutuindonesia.co.id
Telpon. (021) 7244777
Fax: (021) 7244795

KEMENTERIAN KETENAGAKERJAAN REPUBLIK INDONESIA
DIREKTORAT JENDERAL
PEMBINAAN PENGAWASAN KETENAGAKERJAAN
DAN KESELAMATAN DAN KESEHATAN KERJA
Jalan Jenderal Gatot Subroto Kaveling 51, Jakarta Selatan 12950
Telepon (021) 5255733 Ext 732, Faksimile (021) 5255669
Laman : http://www.kemnaker.go.id

09 Juli 2020

NOMOR 5/2148 /AS.02.04/VII/2020
Lamp. : -
Sifat : Segera
Perihal : **Surat Keterangan Hasil Audit Sistem Manajemen K3**

Kepada Yth.
Sdr. Pimpinan PT RODA KONSTRUKSI UTAMA
GREEN GARDEN BLOK Y-3 NO. 48, Kel. Kedoya Utara
Kec. Kebon Jeruk, Kota Adm. Jakarta Barat, DKI Jakarta

Memperhatikan surat dari PT. MUTU INDONESIA GEMILANG GLOBAL (MIGG) No. 153/MIGG-SP/VI/2020 tanggal 3 Juli 2020 dan berdasarkan laporan audit sistem manajemen K3 yang dilaksanakan oleh PT. MUTU INDONESIA GEMILANG GLOBAL (MIGG) sebagai Lembaga Audit SMK3, maka dengan ini dapat dijelaskan bahwa PT RODA KONSTRUKSI UTAMA, telah melaksanakan Audit SMK3 pada tanggal 29 - 30 Juni 2020 dengan **hasil pencapaian** 85.94% dan direkomendasikan untuk mendapatkan "**Tingkat Penilaian Memuaskan**" untuk **Kategori Tingkat Awal (64 Kriteria)**".

Surat keterangan audit ini berlaku dan berkekuatan hukum sama dengan sertifikat SMK3 sampai diterbitkannya sertifikat tersebut.

Demikian keterangan ini dibuat untuk dapat dipergunakan sebagai persyaratan lelang dan kegiatan lain yang terkait, semoga hasil Audit SMK3 tersebut dapat memberikan motivasi bagi manajemen dan para pekerja dalam menciptakan nihil kecelakaan kerja dan penyakit akibat kerja.

a.n. Direktur Jenderal Binwasnaker dan K3,
Direktur Pengawasan Norma
Keselamatan dan Kesehatan Kerja

Ghazmahadi, S.T., M.M.
NIP. 19710831 199703 1 002

Tembusan :
1. Dirjen Binwasnaker dan K3
2. PT. MUTU INDONESIA GEMILANG GLOBAL (MIGG)
3. DINAS TENAGA KERJA PROVINSI DKI JAKARTA

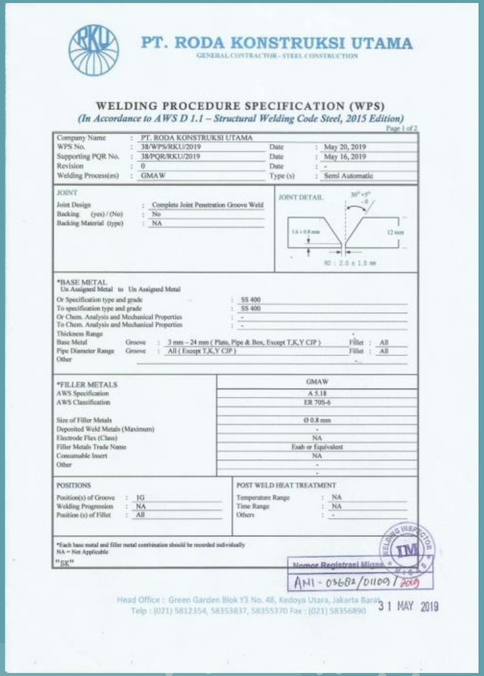
Reg. 153/SKA/VII/2020

Dipindai dengan CamScanner

SIMK3

Welding Procedure Specification (WPS)

- Directorate General of Oil and Gas
- Ministry of Industry



PT. RODA KONSTRUKSI UTAMA
GENERAL CONTRACTOR - STEEL CONSTRUCTION

WELDING PROCEDURE SPECIFICATION (WPS)
(In Accordance to AWS D 1.1 – Structural Welding Code Steel, 2015 Edition)
Page 1 of 2

Company Name	: PT. RODA KONSTRUKSI UTAMA		
WPS No.	: 38/WPS/RKU/2019	Date	: May 20, 2019
Supporting PQR No.	: 38/PQR/RKU/2019	Date	: May 16, 2019
Revision	: 0	Date	: -
Welding Process(es)	: GMAW	Type (s)	: Semi Automatic

JOINT
Joint Design : Complete Joint Penetration Groove Weld
Backing (yes) / (No) : No
Backing Material (type) : NA

JOINT DETAIL: 30° +5° -0; 12 mm; RO : 2.0 ± 1.0 mm

*BASE METAL
Un Assigned Metal to Un Assigned Metal
Or Specification type and grade : SS 400
To specification type and grade : SS 400
Or Chem. Analysis and Mechanical Properties : -
To Chem. Analysis and Mechanical Properties : -
Thickness Range
Base Metal Groove : 3 mm – 24 mm (Plate, Pipe & Box, Except T,K,Y CJP) Fillet : All
Pipe Diameter Range Groove : All (Except T,K,Y CJP) Fillet : All
Other

*FILLER METALS	GMAW
AWS Specification	A 5.18
AWS Classification	ER 70S-6
Size of Filler Metals	Ø 0.8 mm
Deposited Weld Metals (Maximum)	-
Electrode Flux (Class)	NA
Filler Metals Trade Name	Esab or Equivalent
Consumable Insert	NA
Other	-

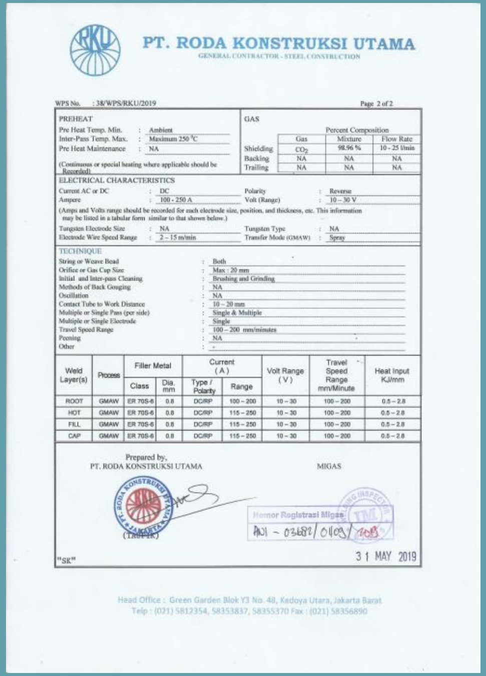
POSITIONS
Position(s) of Groove : 1G
Welding Progression : NA
Position (s) of Fillet : All

POST WELD HEAT TREATMENT
Temperature Range : NA
Time Range : NA
Others : -

*Each base metal and filler metal combination should be recorded individually
NA = Not Applicable
"SK"

Nomor Registrasi Migas
ANI - 03682/01109/2019
31 MAY 2019

Head Office : Green Garden Blok Y3 No. 48, Kedoya Utara, Jakarta Barat
Telp : (021) 5812354, 58353837, 58355370 Fax : (021) 58356890



PT. RODA KONSTRUKSI UTAMA
GENERAL CONTRACTOR - STEEL CONSTRUCTION

WPS No. : 38/WPS/RKU/2019 Page 2 of 2

PREHEAT
Pre Heat Temp. Min. : Ambient
Inter-Pass Temp. Max. : Maximum 250 °C
Pre Heat Maintenance : NA
(Continuous or special heating where applicable should be Recorded)

GAS

	Gas	Mixture	Flow Rate
Shielding	CO_2	98.96 %	10 - 25 l/min
Backing	NA	NA	NA
Trailing	NA	NA	NA

ELECTRICAL CHARACTERISTICS
Current AC or DC : DC Polarity : Reverse
Ampere : 100 - 250 A Volt (Range) : 10 – 30 V
(Amps and Volts range should be recorded for each electrode size, position, and thickness, etc. This information may be listed in a tabular form similar to that shown below.)
Tungsten Electrode Size : NA Tungsten Type : NA
Electrode Wire Speed Range : 2 – 15 m/min Transfer Mode (GMAW) : Spray

TECHNIQUE
String or Weave Bead : Both
Orifice or Gas Cup Size : Max : 20 mm
Initial and Inter-pass Cleaning : Brushing and Grinding
Methods of Back Gouging : NA
Oscillation : NA
Contact Tube to Work Distance : 10 – 20 mm
Multiple or Single Pass (per side) : Single & Multiple
Multiple or Single Electrode : Single
Travel Speed Range : 100 – 200 mm/minutes
Peening : NA
Other : -

Weld Layer(s)	Process	Filler Metal Class	Filler Metal Dia. mm	Current (A) Type / Polarity	Current (A) Range	Volt Range (V)	Travel Speed Range mm/Minute	Heat Input KJ/mm
ROOT	GMAW	ER 70S-6	0.8	DC/RP	100 – 200	10 – 30	100 – 200	0.5 – 2.8
HOT	GMAW	ER 70S-6	0.8	DC/RP	115 – 250	10 – 30	100 – 200	0.5 – 2.8
FILL	GMAW	ER 70S-6	0.8	DC/RP	115 – 250	10 – 30	100 – 200	0.5 – 2.8
CAP	GMAW	ER 70S-6	0.8	DC/RP	115 – 250	10 – 30	100 – 200	0.5 – 2.8

Prepared by,
PT. RODA KONSTRUKSI UTAMA MIGAS
(TAUFIK)
Nomor Registrasi Migas
ANI - 03682/01109/2019
"SK"
31 MAY 2019

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Kementerian Perindustrian REPUBLIK INDONESIA
BADAN PENELITIAN DAN PENGEMBANGAN INDUSTRI
BALAI BESAR BAHAN DAN BARANG TEKNIK
Jln. Sangkuriang No. 14 Bandung 40135 JAWA BARAT – INDONESIA
Telp. 022 – 2504088, 2510682, 2504828 Fax. 022 – 2502027
Website : www.b4t.go.id E-mail : b4t@b4t.go.id
KAN

HASIL PENGUJIAN TARIK
Tension Test Results

NO. LAPORAN *Report No* : 7-01-19-00442

URAIAN *Description*	HASIL UJI *Test Results*		METODA UJI *Test of Method*
Tanda Contoh *Samples identification*	WPS NO : 38/WPS/RKU/2019 PQR NO : 38/PQR/RKU/2019		
Batang no. *Specimens no.*	T1	T2	
1. Lebar x tebal, mm *Width x thickness*	19.0 x 11.8	19.0 x 11.8	AWS D1.1/D1.1M : 2010
2. Luas penampang, mm² *Area section*	224.20	224.20	AWS D1.1/D1.1M : 2010
3. Beban maksimum, kgf *Max.load*	10700	10600	AWS D1.1/D1.1M : 2010
4. Kuat tarik, kgf/mm² (MPa) *Tensile strength*	47.7 (468)	47.3 (464)	AWS D1.1/D1.1M : 2010
5. Hal ikhwal *Particularities*	BASE METAL	BASE METAL	AWS D1.1/D1.1M : 2010

PT. Roda Konstruksi Utama (TAUFIK)
Inspektur Migas (Syarifah K)

Keterangan / *Remarks*:
1. Hasil pengujian ini tidak untuk diumumkan, dan hanya berlaku untuk contoh yang bersangkutan. *This report not for publication and the result here in are for the submitted sample only.*
2. Laporan ini tidak boleh diperbanyak kecuali secara keseluruhan. *This report shall not be reproduced except in full.*

F.49.07.b/01/Rev. 01/10012017
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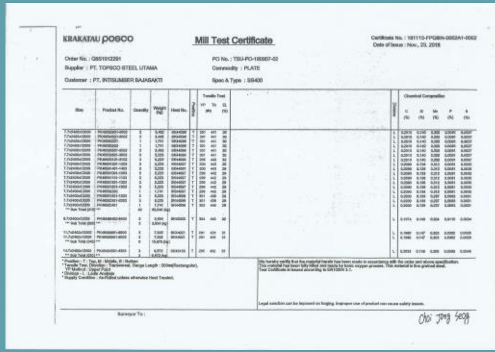
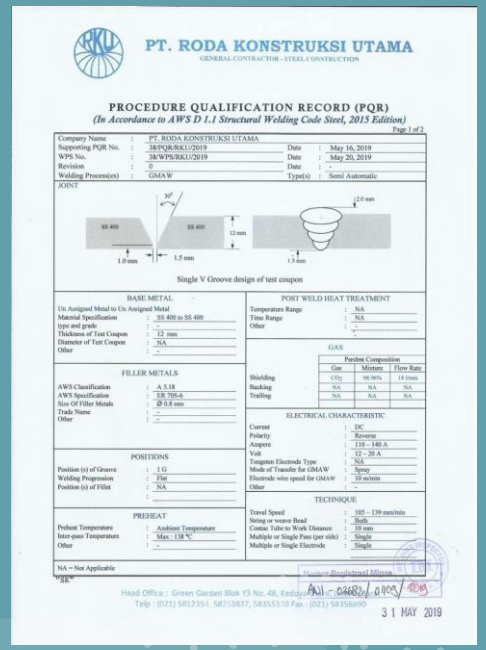
EN 10204:2004/3.1



KRAKATAU POSCO
Mill Test Certificate
Order No. : Q8S1012291
Supplier : PT. TOPSCO STEEL UTAMA
Customer : PT. INTISUMBER BAJASAKTI
PO No. : TSU-PO-180907-02
Commodity : PLATE
Spec & Type : SS400
Surveyor To :

PROCEDURE QUALIFICATION RECORD (PQR)

- Directorate General of Oil and Gas
- Ministry of Industry



PT. RODA KONSTRUKSI UTAMA
GENERAL CONTRACTOR - STEEL CONSTRUCTION

PROCEDURE QUALIFICATION RECORD (PQR)
(In Accordance to AWS D 1.1 Structural Welding Code Steel, 2015 Edition)

Page 1 of 2

Company Name	:	PT. RODA KONSTRUKSI UTAMA			
Supporting PQR No.	:	38/PQR/RKU/2019	Date	:	May 16, 2019
WPS No.	:	38/WPS/RKU/2019	Date	:	May 20, 2019
Revision	:	0	Date	:	–
Welding Process(es)	:	GMAW	Type(s)	:	Semi Automatic

JOINT

Single V Groove design of test coupon

BASE METAL

Un Assigned Metal to Un Assigned Metal		
Material Specification type and grade	:	SS 400 to SS 400
Thickness of Test Coupon	:	12 mm
Diameter of Test Coupon	:	NA
Other	:	–

FILLER METALS

AWS Classification	:	A 5.18
AWS Specification	:	ER 70S-6
Size Of Filler Metals	:	Ø 0.8 mm
Trade Name	:	–
Other	:	–

POSITIONS

Position (s) of Groove	:	1 G
Welding Progression	:	Flat
Position (s) of Fillet	:	NA
	:	–

PREHEAT

Preheat Temperature	:	Ambient Temperature
Inter-pass Temperature	:	Max : 138 °C
Other	:	–

POST WELD HEAT TREATMENT

Temperature Range	:	NA
Time Range	:	NA
Other	:	–

GAS

	Purities Composition		
	Gas	Mixture	Flow Rate
Shielding	CO_2	98.96%	18 l/min
Backing	NA	NA	NA
Trailing	NA	NA	NA

ELECTRICAL CHARACTERISTIC

Current	:	DC
Polarity	:	Reverse
Ampere	:	110 – 140 A
Volt	:	12 – 20 A
Tungsten Electrode Type	:	NA
Mode of Transfer for GMAW	:	Spray
Electrode wire speed for GMAW	:	10 m/min
Other	:	–

TECHNIQUE

Travel Speed	:	105 – 139 mm/min
String or weave Bead	:	Both
Contac Tube to Work Distance	:	10 mm
Multiple or Single Pass (per side)	:	Single
Multiple or Single Electrode	:	Single

NA = Not Applicable

"SK"

Head Office : Green Garden Blok Y3 No. 48, Kedoya Utara, Jakarta Barat
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31 MAY 2019

PT. RODA KONSTRUKSI UTAMA
GENERAL CONTRACTOR - STEEL CONSTRUCTION

PQR No. : 38/PQR/RKU/2019 Page 2 of 2

WELDING PARAMETER

Layer No.	1	2	3	4
Type & Size of Filler, mm	ER 70S-6 Ø 0.8	ER 70S-6 Ø 0.8	ER 70S-6 Ø 0.8	ER 70S-6 Ø 0.8
Ampere, A	110 – 114	129 – 133	132 – 136	136 – 140
Volt, V	12 – 14	14 – 16	15 – 18	18 – 20
Travel Speed, mm/minutes	105	139	133	108
Heat Input, KJ/mm	0.78 – 0.89	0.78 – 0.92	0.86 – 1.16	1.06 – 1.20
Time Lapse Between Pass, minute	–	–	–	–

TENSILE TEST

Specimen No.	Width (mm)	Thickness (mm)	Area (mm^2)	Max. Load (Kgf)	Tensile Strength Kgf/mm^2 (MPa)	Fracture Location
T – 1	19.0	11.8	224.20	10700	47.7 (468)	BASE METAL
T – 2	19.0	11.8	224.20	10600	47.3 (464)	BASE METAL

GUIDE BEND TEST

Type & Figure No.	Result
Side Bend 1	Accepted
Side Bend 2	Accepted
Side Bend 3	Accepted
Side Bend 4	Accepted

Welder Name : RIZKY
Mechanical Test Conducted by : B4T Laboratory Test No. : 7-01-19-00442

We certify that the statement in this record are correct and the test welds were prepared, welded and tested in accordance with the requirement of *AWS D 1.1 Code, 2015 Edition*

Manufacturer : PT. RODA KONSTRUKSI UTAMA

Date : May 16, 2019

Prepared by,
PT. RODA KONSTRUKSI UTAMA

MIGAS

Kantor Registrasi Migas

"SK"

31 MAY 2019

Head Office : Green Garden Blok Y3 No. 48, Kedoya Utara, Jakarta Barat
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Telp. 022 – 2504088, 2510682, 2504828 Fax. 022 – 2502027
Website : www.b4t.go.id E-mail : b4t@b4t.go.id

BERITA ACARA

Pada hari Kamis tanggal 16 Mei 2019 telah dilakukan pengujian dengan no. laporan 7-01-19-00442 terhadap 1 (satu) contoh Welding Plate milik PT. RODA KONTRUKSI UTAMA, Green Garden Blok Y3 No. 48, Kedoya Utara, Jakarta Barat, di B4T Bandung dengan rincian sebagai berikut :

Material : SS 400
Thickness : 12 mm

WPS NO : 38/WPS/RKU/2019
PQR NO : 38/PQR/RKU/2019

Sesuai std. : AWS D1.1/D1.1M : 2010, Structural Welding Code-Steel

Dengan rincian pengujian mekanis sebagai berikut :

- Uji Tarik
- Uji Lengkung

Hasil uji terlampir.

Demikian Berita Acara ini dibuat untuk dipergunakan sebagaimana mestinya.

Koordinator Lab. Logam B4T

Disaksikan Oleh :

PT. Roda Konstruksi Utama Insp. Migas

(Syarifah K)

Kementerian Perindustrian
REPUBLIK INDONESIA

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Material : SS 400
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Dengan rincian pengujian mekanis sebagai berikut :

- Uji Tarik
- Uji Lengkung

Hasil uji terlampir.

Demikian Berita Acara ini dibuat untuk dipergunakan sebagaimana mestinya.

Koordinator Lab. Logam B4T

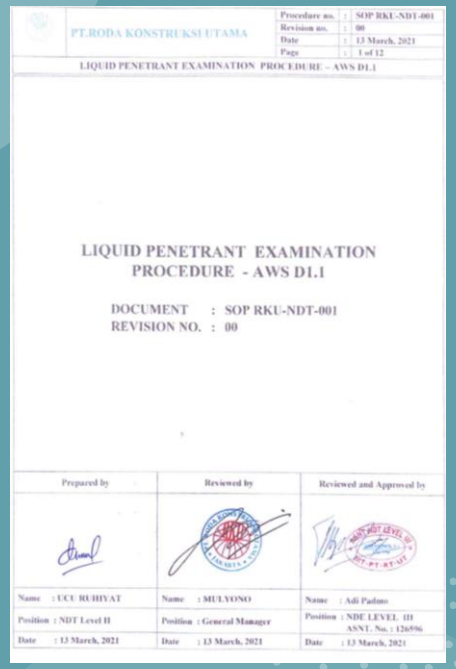
Disaksikan Oleh :

PT. Roda Konstruksi Utama Insp. Migas

(Syarifah K)

LIQUID PENETRANT EXAMINATION PROCEDURE AWS D1.1 (NDT)

- NDT LEVEL III ASNT No. 126596



PT.RODA KONSTRUKSI UTAMA

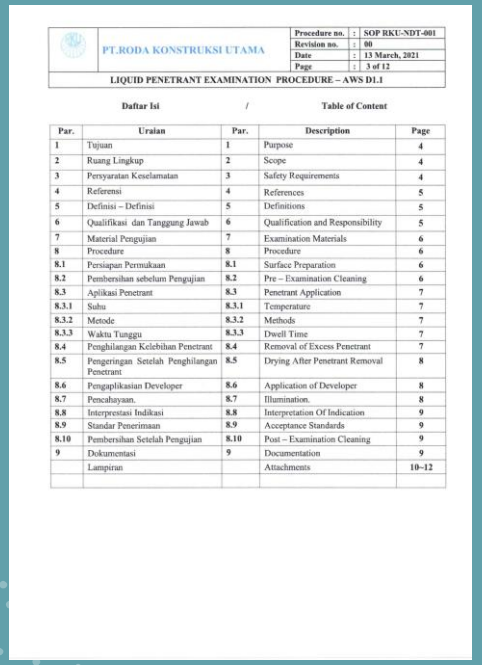
Procedure no.	:	SOP RKU-NDT-001
Revision no.	:	00
Date	:	13 March, 2021
Page	:	1 of 12

LIQUID PENETRANT EXAMINATION PROCEDURE – AWS D1.1

LIQUID PENETRANT EXAMINATION
PROCEDURE - AWS D1.1

DOCUMENT : SOP RKU-NDT-001
REVISION NO. : 00

Prepared by	Reviewed by	Reviewed and Approved by
Name : UCU RUHIYAT	Name : MULYONO	Name : Adi Padmo
Position : NDT Level II	Position : General Manager	Position : NDE LEVEL III ASNT. No. : 126596
Date : 13 March, 2021	Date : 13 March, 2021	Date : 13 March, 2021



PT.RODA KONSTRUKSI UTAMA

Procedure no.	:	SOP RKU-NDT-001
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LIQUID PENETRANT EXAMINATION PROCEDURE – AWS D1.1

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4	Referensi	4	References	5
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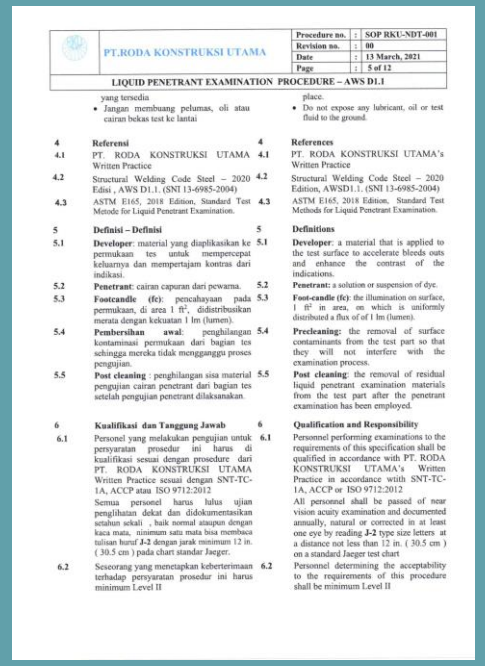

PT.RODA KONSTRUKSI UTAMA

Procedure no.	:	SOP RKU-NDT-001
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Page	:	5 of 12

LIQUID PENETRANT EXAMINATION PROCEDURE – AWS D1.1

yang tersedia
- Jangan membuang pelumas, oli atau cairan bekas test ke lantai

4 Referensi

4.1 PT. RODA KONSTRUKSI UTAMA Written Practice

4.2 Structural Welding Code Steel – 2020 Edisi , AWS D1.1. (SNI 13-6985-2004)

4.3 ASTM E165, 2018 Edition, Standard Test Metode for Liquid Penetrant Examination.

5 Definisi – Definisi

5.1 **Developer**: material yang diaplikasikan ke permukaan tes untuk mempercepat keluarnya dan mempertajam kontras dari indikasi.

5.2 **Penetrant**: cairan capuran dari pewarna.

5.3 **Footcandle (fc)**: pencahayaan pada permukaan, di area 1 ft², didistribusikan merata dengan kekuatan 1 lm (lumen).

5.4 **Pembersihan awal**: penghilangan kontaminasi permukaan dari bagian tes sehingga mereka tidak mengganggu proses pengujian.

5.5 **Post cleaning** : penghilangan sisa material pengujian cairan penetrant dari bagian tes setelah pengujian penetrant dilaksanakan.

6 Kualifikasi dan Tanggung Jawab

6.1 Personel yang melakukan pengujian untuk persyaratan prosedur ini harus di kualifikasi sesuai dengan prosedure dari PT. RODA KONSTRUKSI UTAMA Written Practice sesuai dengan SNT-TC-1A, ACCP atau ISO 9712:2012

Semua personel harus lulus ujian penglihatan dekat dan didokumentasikan setahun sekali , baik normal ataupun dengan kaca mata, minimum satu mata bisa membaca tulisan huruf **J-2** dengan jarak minimum 12 in. (30.5 cm) pada chart standar Jaeger.

6.2 Seseorang yang menetapkan keberterimaan terhadap persyaratan prosedur ini harus minimum Level II

place.
- Do not expose any lubricant, oil or test fluid to the ground.

4 References

4.1 PT. RODA KONSTRUKSI UTAMA's Written Practice

4.2 Structural Welding Code Steel – 2020 Edition, AWSD1.1. (SNI 13-6985-2004)

4.3 ASTM E165, 2018 Edition, Standard Test Methods for Liquid Penetrant Examination.

5 Definitions

Developer: a material that is applied to the test surface to accelerate bleeds outs and enhance the contrast of the indications.

Penetrant: a solution or suspension of dye.

Foot-candle (fc): the illumination on surface, 1 ft² in area, on which is uniformly distributed a flux of of 1 lm (lumen).

Precleaning: the removal of surface contaminants from the test part so that they will not interfere with the examination process.

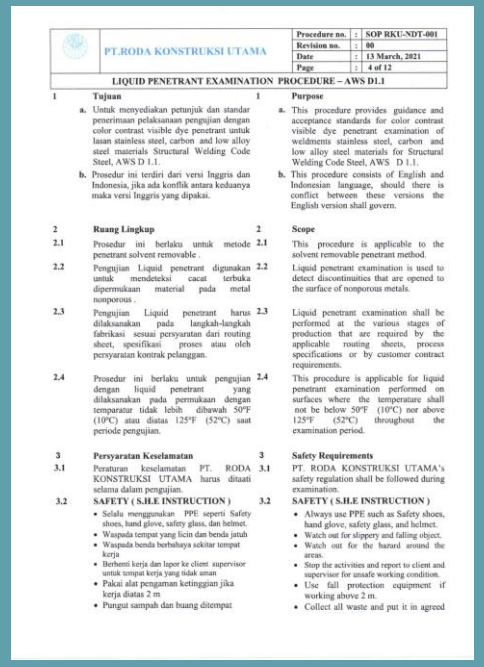
Post cleaning: the removal of residual liquid penetrant examination materials from the test part after the penetrant examination has been employed.

6 Qualification and Responsibility

Personnel performing examinations to the requirements of this specification shall be qualified in accordance with PT. RODA KONSTRUKSI UTAMA's Written Practice in accordance with SNT-TC-1A, ACCP or ISO 9712:2012

All personnel shall be passed of near vision acuity examination and documented annually, natural or corrected in at least one eye by reading **J-2** type size letters at a distance not less than 12 in. (30.5 cm) on a standard Jaeger test chart

Personnel determining the acceptability to the requirements of this procedure shall be minimum Level II



PT.RODA KONSTRUKSI UTAMA

Procedure no.	:	SOP RKU-NDT-001
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LIQUID PENETRANT EXAMINATION PROCEDURE – AWS D1.1

1 Tujuan

a. Untuk menyediakan petunjuk dan standar penerimaan pelaksanaan pengujian dengan color contrast visible dye penetrant untuk lasan stainless steel, carbon and low alloy steel materials Structural Welding Code Steel, AWS D 1.1.

b. Prosedur ini terdiri dari versi Inggris dan Indonesia, jika ada konflik antara keduanya maka versi Inggris yang dipakai.

2 Ruang Lingkup

2.1 Prosedur ini berlaku untuk metode penetrant solvent removable .

2.2 Pengujian Liquid penetrant digunakan untuk mendeteksi cacat terbuka dipermukaan material pada metal nonporous .

2.3 Pengujian Liquid penetrant harus dilaksanakan pada langkah-langkah fabrikasi sesuai persyaratan dari routing sheet, spesifikasi proses atau oleh persyaratan kontrak pelanggan.

2.4 Prosedur ini berlaku untuk pengujian dengan liquid penetrant yang dilaksanakan pada permukaan dengan temparatur tidak lebih dibawah 50°F (10°C) atau diatas 125°F (52°C) saat periode pengujian.

3 Persyaratan Keselamatan

3.1 Peraturan keselamatan PT. RODA KONSTRUKSI UTAMA harus ditaati selama dalam pengujian.

3.2 **SAFETY (SAFE INSTRUCTION)**
- Selalu menggunakan PPE seperti Safety shoes, hand glove, safety glass, dan helmet.
- Waspada tempat yang licin dan benda jatuh
- Waspada benda berbahaya sekitar tempat kerja
- Berhenti kerja dan lapor ke client supervisor untuk tempat kerja yang tidak aman
- Pakai alat pengaman ketinggian jika kerja diatas 2 m
- Pungut sampah dan buang ditempat

1 Purpose

a. This procedure provides guidance and acceptance standards for color contrast visible dye penetrant examination of weldments stainless steel, carbon and low alloy steel materials for Structural Welding Code Steel, AWS D 1.1.

b. This procedure consists of English and Indonesian langgage, should there is conflict between these versions the English version shall govern.

2 Scope

2.1 This procedure is applicable to the solvent removable penetrant method.

2.2 Liquid penetrant examination is used to detect discontinuities that are opened to the surface of nonporous metals.

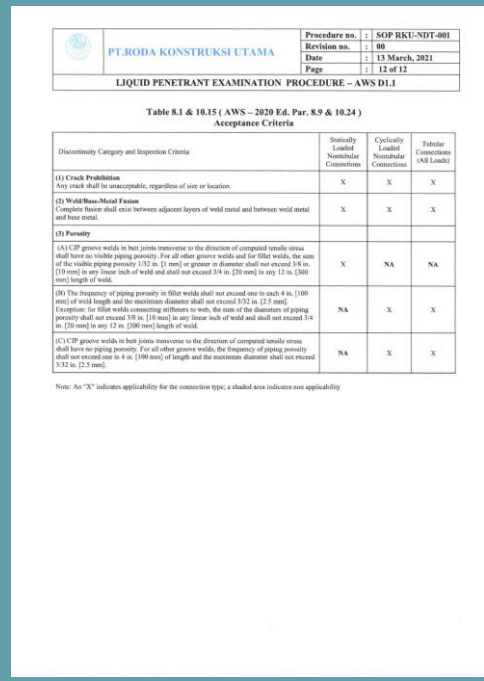
2.3 Liquid penetrant examination shall be performed at the various stages of production that are required by the applicable routing sheets, process specifications or by customer contract requirements.

2.4 This procedure is applicable for liquid penetrant examination performed on surfaces where the temperature shall not be below 50°F (10°C) nor above 125°F (52°C) throughout the examination period.

3 Safety Requirements

3.1 PT. RODA KONSTRUKSI UTAMA's safety regulation shall be followed during examination.

3.2 **SAFETY (SAFE INSTRUCTION)**
- Always use PPE such as Safety shoes, hand glove, safety glass, and helmet.
- Watch out for slippery and falling object.
- Watch out for the hazard around the areas.
- Stop the activities and report to client and supervisor for unsafe working condition.
- Use fall protection equipment if working above 2 m.
- Collect all waste and put it in agreed



PT.RODA KONSTRUKSI UTAMA

Procedure no.	:	SOP RKU-NDT-001
Revision no.	:	00
Date	:	13 March, 2021
Page	:	12 of 12

LIQUID PENETRANT EXAMINATION PROCEDURE – AWS D1.1

Table 8.1 & 10.15 (AWS – 2020 Ed. Par. 8.9 & 10.24)
Acceptance Criteria

Discontinuity Category and Inspection Criteria	Statically Loaded Nontubular Connections	Cyclically Loaded Nontubular Connections	Tubular Connections (All Loads)
(1) Crack Prohibition Any crack shall be unacceptable, regardless of size or location.	X	X	X
(2) Weld/Base-Metal Fusion Complete fusion shall exist between adjacent layers of weld metal and between weld metal and base metal.	X	X	X
(3) Porosity			
(A) CJP groove welds in butt joints transverse to the direction of computed tensile stress shall have no visible piping porosity. For all other groove welds and for fillet welds, the sum of the visible piping porosity 1/32 in. [1 mm] or greater in diameter shall not exceed 3/8 in. [10 mm] in any linear inch of weld and shall not exceed 3/4 in. [20 mm] in any 12 in. [300 mm] length of weld.	X	NA	NA
(B) The frequency of piping porosity in fillet welds shall not exceed one in each 4 in. [100 mm] of weld length and the maximum diameter shall not exceed 3/32 in. [2.5 mm]. Exception: for fillet welds connecting stiffeners to web, the sum of the diameters of piping porosity shall not exceed 3/8 in. [10 mm] in any linear inch of weld and shall not exceed 3/4 in. [20 mm] in any 12 in. [300 mm] length of weld.	NA	X	X
(C) CJP groove welds in butt joints transverse to the direction of computed tensile stress shall have no piping porosity. For all other groove welds, the frequency of piping porosity shall not exceed one in 4 in. [100 mm] of length and the maximum diameter shall not exceed 3/32 in. [2.5 mm].	NA	X	X

Note: An "X" indicates applicability for the connection type; a shaded area indicates non applicability

Quality control
DIMENSIONAL CHECK

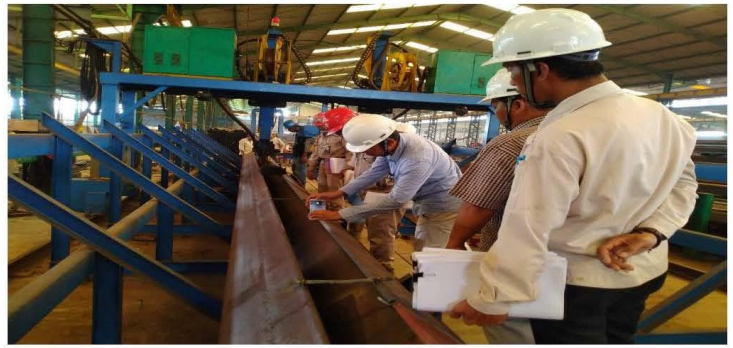
PHOTOGRAPH

PT. ASAHIMAS CHEMICAL

Location	*: PT. RODA KONSTRUKSI UTAMA*		
Explanation	*: Meeting & Checking Fabrication*	*Date :*	*23-Apr-19*
		Photo No.	*1*

Location	*: PT. RODA KONSTRUKSI UTAMA*		
Explanation	*: Meeting & Checking Fabrication*	*Date :*	*23-Apr-19*
		Photo No.	*2*

Location	*: PT. RODA KONSTRUKSI UTAMA*		
Explanation	*: Meeting & Checking Fabrication*	*Date :*	*23-Apr-19*
		Photo No.	*3*



Location	*: PT. RODA KONSTRUKSI UTAMA*		
Explanation	*: Meeting & Checking Fabrication*	*Date :*	*23-Apr-19*
		Photo No.	*4*

Owner	**:**	**PT. ASAHIMAS CHEMICAL**
Project	**:**	**COMMON FACILITY**
Contractor	**:**	**PT. SMCC UTAMA**
Sub. Contractor	**:**	**PT. RODA KONSTRUKSI UTAMA**

Prepared by PT. RODA KONTSRUKSI UTAMA

ULTRASONIC TEST REPORT

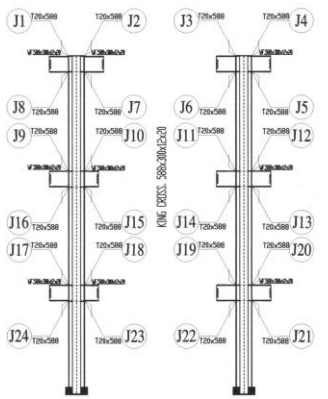
SUCOFINDO

INDUSTRIAL AND ENGINEERING SERVICE
CIBITUNG AREA : JL . ARTERI NO. 1 TOL CIBITUNG - BEKASI 17520. JAWA BARAT
PHONE : (021) 88321176 (HUNTING) FAX : (021) 88330732, 88321333

ULTRASONIC DRAWING REPORT

Report No.	: 03 / ASC / CL-UT-RKU/ V / 19	Customer	: PT. RODA KONSTRUKSI UTAMA
Date	: May 03, 2019	Project Location	: Workshop RKU
Weld Indentification	: J1 - J24	Project Description	: PT . ASAHIMAS CHEMICAL
Measurement In	: MILIMETER	Remark	: COMMON FACILITY RELOCATION

K1-8 - B - 8



Probe used	Normal probe	: Krautkramer 0°	Size	: Ø 10 MM	Freq	: 5 MHZ
	Angle probe	: Tru - sonics 70°	Size	: 8X9 MM	Freq	: 2 MHZ
Equipment	Sonatest 250 ®, Serial Number : 1003064						

Client REp's by :

Inspected by :

Angga Ruhyat

SUCOFINDO

PT. SUPERINTENDING COMPANY OF INDONESIA
INDUSTRIAL AND ENGINEERING SERVICE
CIBITUNG AREA : JL. ARTERI NO. 1 TOL CIBITUNG- BEKASI 17520. JAWA BARAT.
PHONE : (021) 88321176 (HUNTING) FAX : (021) 88330732, 88321333.

ULTRASONIC TEST REPORT

Project Location	: Workshop RKU - Panongan, Tangerang	Customer	: PT.RODA KONSTRUKSI UTAMA
Report No.	: 03 / ASC / CL-UT-RKU / V / 19	Construction	: COLUMN
Date of Inspection	: May 3, 2019	Weld Joint	: T-Joint
Weld Identification	: K1-8 - B - 8 (J1~J24)	Material Spec.	: Carbon Steel
Measurement in	: Milimeter	Weld Process	: GMAW
Project Description	: PT. ASAHIMAS CHEMICAL	Applicable Code	: AWS D1.1
Remark	: COMMON FACILITY RELOCATION	Procedure No.	: PO/AE.MIG-OPS/32 Rev.01
		Acceptance Criteria	: Table 6.2

Weld Identification	Trandducer Angle	Thickness	DECIBELS: Indication Level (a)	DECIBELS: Reference Level (b)	DECIBELS: Attenuation Factor (c)	DECIBELS: Defect Rating (d)	DECIBELS: Scanning Levels	DEFECT: Sound Path	DEFECT: Length	DEFECT: Depth From Face A	DEFECT: From X	DEFECT: From Y	DEFECT: Defects Type	Result	Remark
K1-8 - B - 8															
JOINT 1	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 2	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 3	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 4	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 5	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 6	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 7	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 8	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 9	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 10	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 11	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-
JOINT 12	70º	20	-	50	-	-	60	-	-	-	-	-	NRI	Acc	-

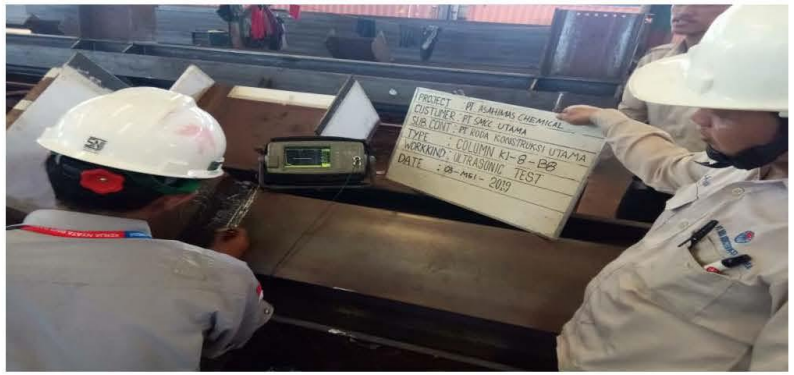
UT Equipment Model	: Sonatest 250®
Probed Used	: Sonatest Orion T025873
Tets Block Used	: Block STD V1
Couplant Used	: CMC (Carboxymethyl Cellulose)
Surface Condition	: As Welded
Scanning Patterns	: Movement A,B,C From Face A
Scanning Technique	: Contact Testing,One Half To Full Skip Distance
Sensitivity Level	: 53 db, at 75% FSH from hole dia. 1 ½ mm of V1
Transfer Of Loss (TOL)	: -3 db at Test Specimens
Test Range	: 200

Note
NRI : Non Relevant Indication Acc : Acceptable

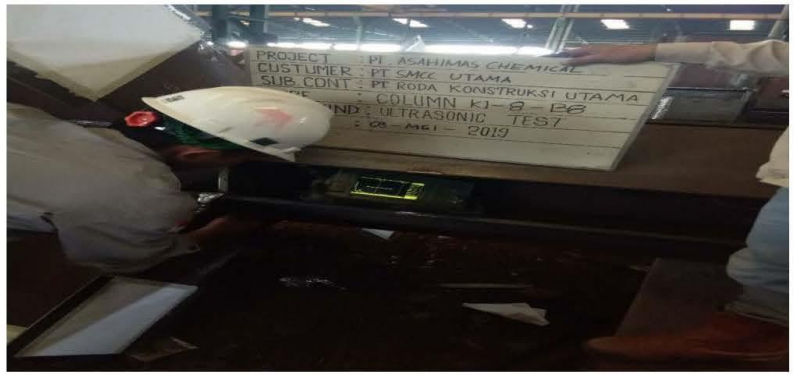
Inspected By	Reviewed / Witnessed By	Reviewed / Witnessed By
Angga Ruhyat NDE UT Date : May 3, 2019	Maman H. QC/QA PT. Roda Konstruksi Utama Date : May 3, 2019	Date :

ULTRASONIC TEST

PHOTOGRAPH REPORT | **ULTRASONIC TEST**



Location	: PT. RODA KONSTRUKSI UTAMA		
Explanation	: Ultrasonic test process	Date :	3-May-19
Type	: K1-8 - B - 8	Photo No.	5



Location	: PT. RODA KONSTRUKSI UTAMA		
Explanation	: Ultrasonic test process	Date :	3-May-19
Type	: K1-8 - B - 8	Photo No.	6

Location	: PT. RODA KONSTRUKSI UTAMA		
Explanation	: Ultrasonic test process	Date :	3-May-19
Type	: K1-8 - B - 8	Photo No.	7

Location	: PT. RODA KONSTRUKSI UTAMA		
Explanation	: Ultrasonic test process	Date :	3-May-19
Type	: K1-8 - B - 8	Photo No.	8

Owner : **PT. ASAHIMAS CHEMICAL**
Project : **COMMON FACILITY RELOCATION**
Contractor : **PT. SMCC UTAMA INDONESIA**
Sub. Contractor : **PT. RODA KONSTRUKSI UTAMA**

Prepared by PT. RODA KONTSRUKSI UTAMA

Quality award

Project Experiences Maps in Indonesia

Project Location Highlight

Our Clients

PT Harlie Kreasi Pratama

PT. PARISINDO PRATAMA
THE PAPER SPECIALIST

PT Lotte Packaging

Our Clients

AGUNG SEDAYU GROUP

PT. Wahana Solarhat Sejahtera

PT TUNAS ALFIN Tbk

PT. SMCC UTAMA INDONESIA

Pionirbeton

WONOKOYO GROUP

SAMSUNG E & C	
Description	Temporary Camp Facility Construction
Workscope	Civil and Architecture Contractor (In consortium with PT. Kumgang Hyundai Indonesia)
Duration	
- Temporary Facilities	April 2019 ~ Ongoing
Contract Type	Lumpsum
Contract Value	USD 1.6 Mil
Total Area	3,800 m^2
Location	Cilamaya, Jawa Barat

(pic 1 &2) Temporary Camp Front view / Temporary Camp Back view

(pic 3&4) Dormitory room / Canteen

I. MAJOR PROJECTS IN THE PAST 5 YEARS

PT. KIDO MULIA INDONESIA	
Description	Garment Factory Construction
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Duration	
- Factory	July 18 ~ April 2019
Contract Type	Lumpsum
Contract Value	USD 5.5 Mil
Total Area	26,100 m^2
Location	Brebes, Jawa Tengah

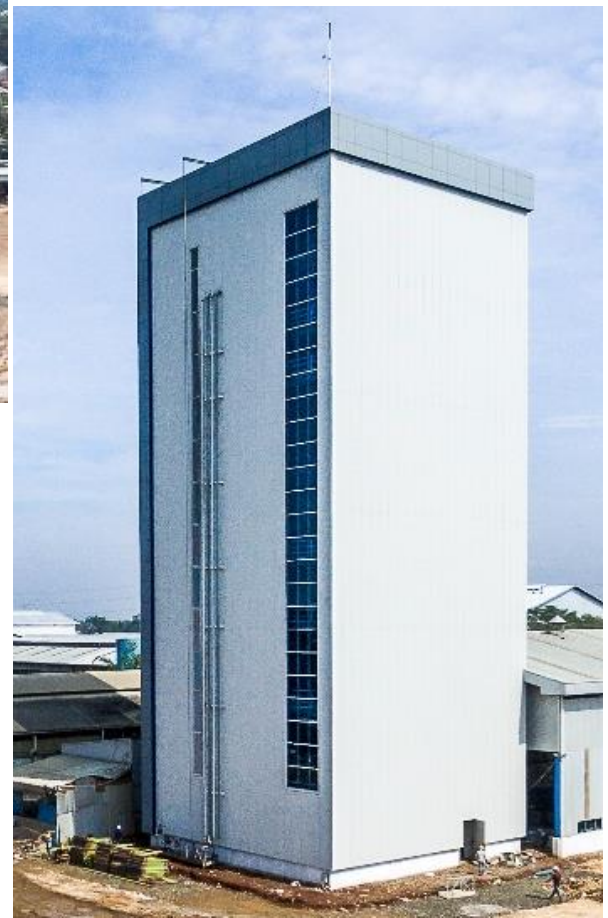
(pic 1 &2) Factory complex overview / Dormitory side view

(pic 3&4) Factory front view / back view

I. MAJOR PROJECTS IN THE PAST 5 YEARS

PT. ANUGERAH MORTAR ABADI	
Description	Cement Mortar Tower Plant and Factory
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Duration	
- Tower Plant	Sep 17 ~ Feb 18 (6 m)
Contract Type	Lumpsum
Contract Value	USD 0.9 Mil
Total Area	2,400 m^2
Location	Cileungsi, Bogor

(pic 1) Tower Plant Front View



(pic 2) Tower Plant Side View

LOTTE PACKAGING	PT. LOTTE PACKAGING
Description	Packaging Film Factory and Warehouse
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Duration	
- Factory and Warehouse	Dec 15 ~ Jun16 (7m) Oct 16 ~ Dec16 (3m)
Contract Type	Design Build
Contract Value	USD 5 Mil
Total Area	8,600 m^2
Location	Bitung, Tangerang, Bantent

(pic 1 Factory, Interior View

(pic 2 & 3) Warehouse, Interior View / Exterior View

I. MAJOR PROJECTS IN THE PAST 5 YEARS

PT. LION MENTARI AIRLINES	
Description	Pilot & Crew's Dormitory & Simulator Building
Workscope	Steel Structure and Roof Contractor
Duration	
- Pilot & Crew's Dormitory - Simulator Building	Sep 14 ~ Jan 15 (5m) Jun 15 ~ Aug 15 (3m)
Contract Type	Lumpsum
Contract Value	USD 3.7 Mil
Total Area	31,700 m^2
Location	Talaga Bestari, Cikupa, Tangerang

(pic 1 &2) Steel Structure of Pilot's Accommodation / Bird's Eye View

(pic 3) Steel Structure of Flight attendant's Accommodation

I. MAJOR PROJECTS IN THE PAST 5 YEARS

PT. PAMINDO TIGA T	
Description	Automobile and Motor Sparepart Factory
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Duration	
- Factory	Jun 13 ~ Jan 14 (8m)
Contract Type	Lumpsum
Contract Value	USD 5.2 Mil
Total Area	13,500 m^2
Location	KIM, Karawang, Jawa Barat

(pic 1) Factory, Front Entrance

(pic 2) Factory, Back View

POSCO – IJPC	
Description	Steel Coil Center, Warehouse and Office
Workscope	Main Contractor (Civil and Architecture - Incl. MEP)
Duration	
- Center, Warehouse and Office	Dec 12 ~ Aug 13 (9m)
Contract Type	Design Build
Contract Value	USD 6.7 Mil
Total Area	14,700 m^2
Location	KIIC, Karawang, Jawa Barat

(pic 1) Office, Front View

(pic 2) Office, Steel Coil Center & Warehouse, Front View

PT. PANTOS	
Description	Logistics company warehouse and office
Workscope	Main Contractor (Civil and Architecture - Incl. MEP)
Duration	
- Warehouse & Office	Dec 11 ~ Apr 12 (5m)
Contract Type	Lumpsum
Contract Value	USD 2.2 Mil
Total Area	12,000 m^2
Location	Delta Silikon, Cikarang, Bekasi

(pic 1) Warehouse & Office, Front View

(pic 2) Warehouse, Back View

PT. SHIN HEUNG INDONESIA	
Description	Electronic Parts Factory, Warehouse and Office
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Construction Year	2011
Contract Type	Design Build
Total Area	28,000 m^2
Location	Jababeka III, Bekasi

(pic 1) Factory & Office, Front View

(pic 2) Warehouse Loading Dock

PT. LG INNOTEK

Description	Electronic Parts Factory, Warehouse
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Construction Year	2010
Contract Type	Design Build
Total Area	12,800 m^2
Location	BIIE, Cikarang, Bekasi

(pic 1) Factory & Warehouse, Side View

(pic 2) Factory Complex, Bird's Eye View

II. OTHER MAJOR PROJECTS

PT. DAEKYUNG INDAH	
Description	Machinery Company's Office & Canteen
Workscope	Main Contractor (Civil and Architecture - Incl. MEP)
Construction Year	2009
Contract Type	Lumpsum
Total Area	3,200 m2
Location	KIIEC, Cilegon

(pic 1) Office, Front View

(pic 2) Canteen, Side View

PT. INHWA INDONESIA	
Description	Construction Company's Workshop and Office
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Construction Year	2009
Contract Type	Lumpsum
Total Area	3,600 m2
Location	Cikande, Serang

(pic 1) Office, Front View

(pic 2) Workshop, Side View

PT. PATRA SK DUMAI	
Joint Venture - PT. Pertamina & SK Engineering	
Description	Oil Refinery Complex
Workscope	Tank Foundation and Temporary Facility construction
Construction Year	2007 ~ 2008
Contract Type	Lumpsum
Total Area	18 Units of Oil Tanks
Location	Dumai, Pekanbaru, Riau

(pic 1) Oil Tanks, Overview

(pic 2) Oil Tanks Foundation

PT. SERIM INDONESIA	
Description	Sponger Factory, Warehouse and Office
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Construction Year	2005
Contract Type	Lumpsum
Total Area	9,100 m^2
Location	Legok, Tangerang

(pic 1) Factory, Front View

(pic 2) Office, Front View

PT. WOO IN	
Description	Electronic Parts Factory and Warehouse
Workscope	Main Contractor (Civil and Architecture - Excl. MEP)
Construction Year	2005
Contract Type	Lumpsum
Total Area	18,000 m^2
Location	MM2100, Cibitung

(pic 1) Factory Entrance, Front View

(pic 2) Factory Complex, Front View

II. OTHER MAJOR PROJECTS

PT. UNIVERSAL DWIKARYA	
Description	Apartment Permata Executive, Tower 2
Workscope	Main Contractor (Civil and Architecture - Incl. MEP)
Construction Year	2004
Contract Type	Lumpsum
Total Area	312 Apartment Units
Location	Jakarta

(pic 1) Apartment Front View

PT. KOLON INA

Description	Nylon Film Factory and Mosque
Workscope	Main Contractor (Civil and Architecture - Incl. MEP)
Construction Year	2004
Contract Type	Lumpsum
Total Area	5,000 m^2
Location	Serang, Banten

(pic 1) Mosque Building, Front View

(pic 2) Factory Complex, Side View

Working Experiences

PT. RODA KONSTRUKSI UTAMA
General Contractor, Steel Construction

STEEL STRUCTURE PROJECT MESS & OFFICE PILOT PT. LION MENTARI, BALARAJA -TANGERANG

PLTU AMBON (coal fired steam power plant)

PT. Indah Kiat Pulp Paper (Kerawang, West Java)

PT. RODA KONSTRUKSI UTAMA
GENERAL CONTRACTOR - STEEL CONSTRUCTION

PROYEK : BAKERY CENTRAL KITCHEN
LOKASI : BANDUNG
OWNER : PT. AKUR PRATAMA (YOGYA GROUP)

PT. ASSA PAPER (Subang, West Java)

PT. ASSA PAPER - SUBANG

PT. SHINHUENG CIKARANG

Retrofitting Intake Tower
Jetty B
PT. ISM Bogasari Flour Mills

Upgrading Cleaning Section
PT. ISM Bogasari Flour Mills

Flour Mill Installation Inter flofr Group -PT. Eastern Pearl Flour Mills Makassar

Fabrication Cement Silo + Screw Extractor
PT. Wahana Solarhat Sejahtera

Fabrication Drag Screw Conveyor PT. Sinta Prima Feed Mills

Fabrication Loader Belt Conveyor
Charoen Pokphand Group - PT. Central Proteina Prima

PT. PARISINDO PRATAMA	
Description	Water Treatment Plant
Workscope	Design & Civil Work
Duration	16 Agt 2018 - 26 Sept 2018
Contract Type	Unit Price
Contract Value	USD 0.5 mil
Total Volume	15,000 m^3
Location	Gunung Putri, Bogor

Water Treatment Plant 15,000m3 - Parisindo Pratama

Project Reference

INDOCEMENT
HEIDELBERG CEMENT Group

Description	Indocement Terminal Palembang
Workscope	Mechanical, Civil, Architecture Work, and General Contractor
Duration	18 May 2017 - 14 Dec 2017
Contract Type	Unit Price
Contract Value	USD 4.1 mil
Total Area	15,000 m^2
Location	Palembang

Indocement terminal Palembang - Indocement

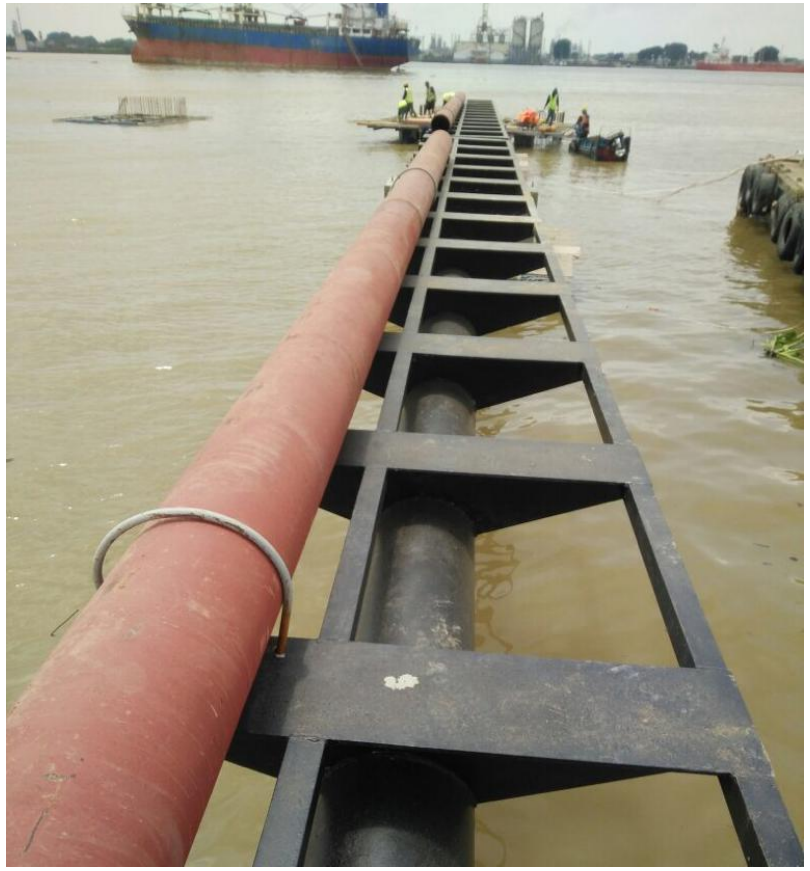
Indocement terminal Palembang - Indocement

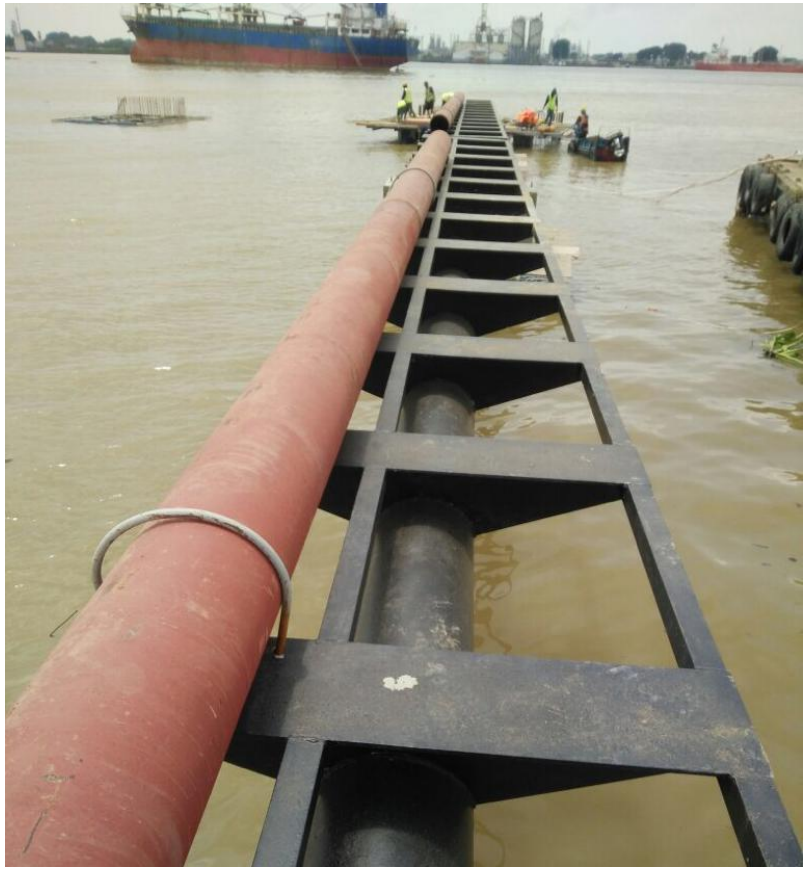
PT. PUTRA BAJA DELI

Description	PT. Putra Baja Deli Factory
Workscope	Mechanical, Civil, Architecture Work, and General Contractor
Construction Year	2014-2016
Contract Type	Unit Price
Contract Value	USD 10 mil
Total Area	40,000 m^2
Location	Cilegon, Banten, West Java

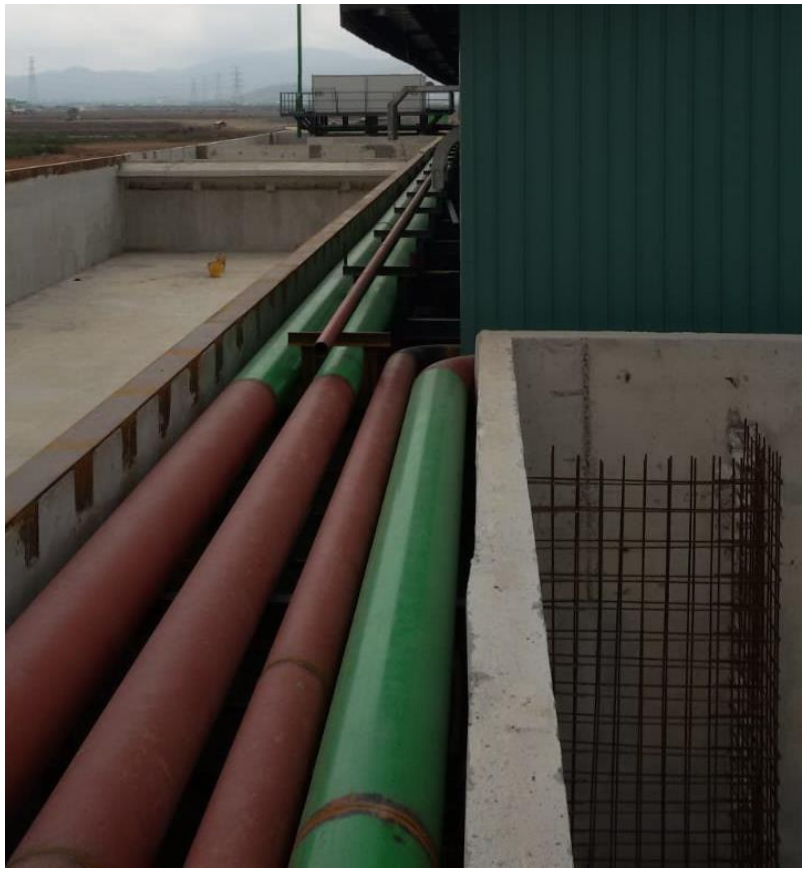
Total Steel Furnice

PT PUTRA BAJA DELI (Cilegon, Banten, West Java)

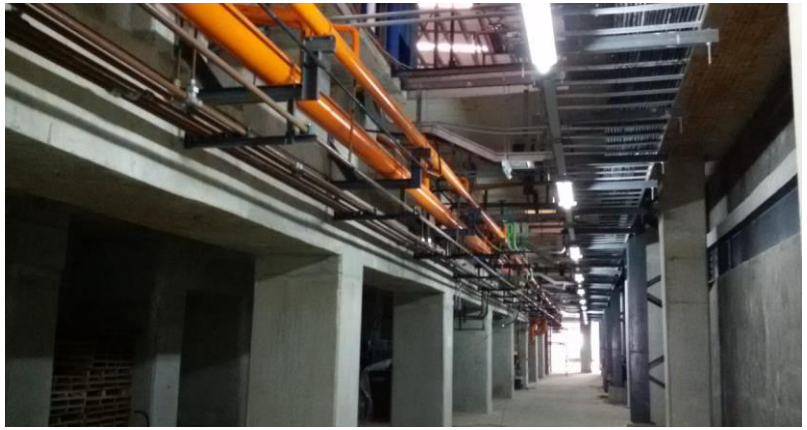


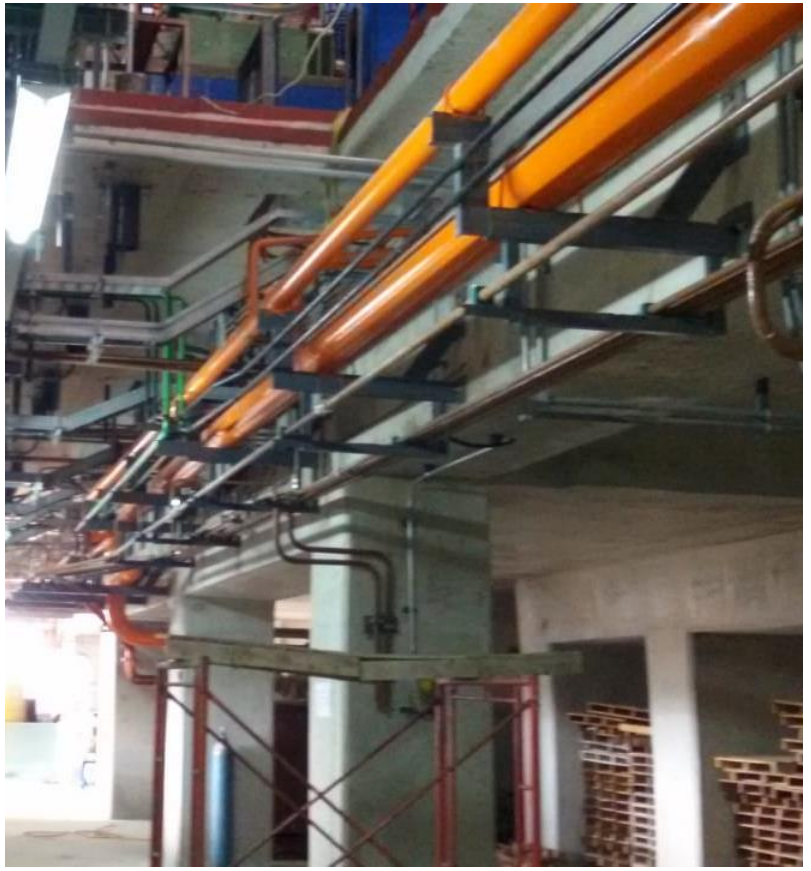


Pipe and mechanical Indocement terminal palembang project

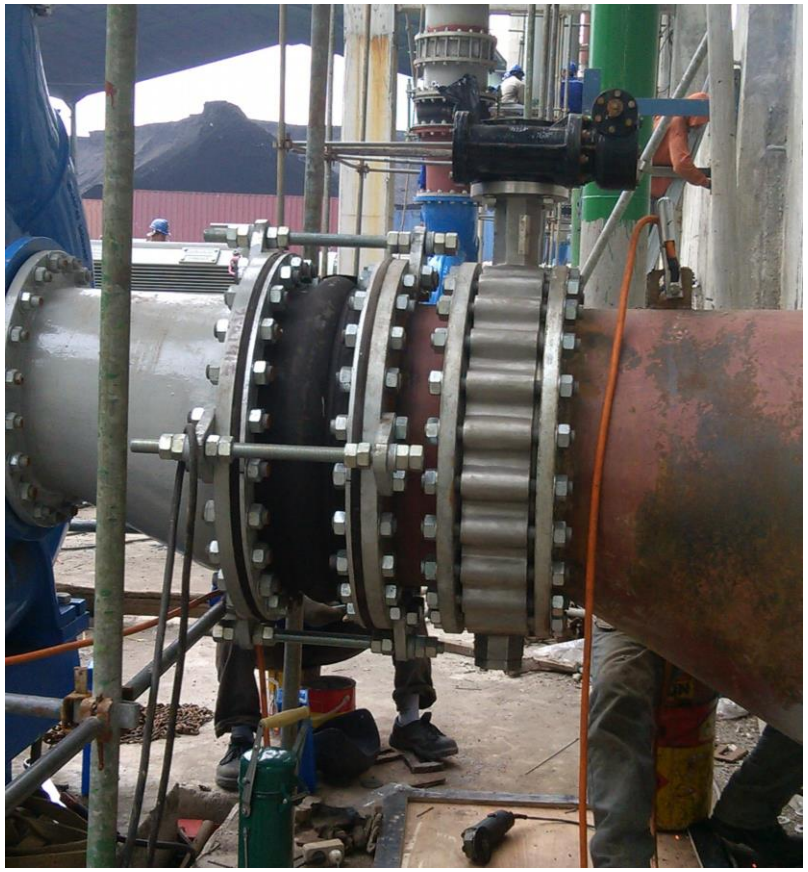


Pipe and machanical water treatment system





Pipe hydraulic oil system



Cooling Tower Piping

Pipe system paper machine Parisindo Patama Factory

On Going Project 2019 - 2020

AGUNG SEDAYU GROUP

PT. KUSUMA ANUGERAH DAMAI SEJAHTERA

Description	Pesonal Alam Cisarua Hotel
Workscope	Civil and Steel Structure Work
Duration	27 Jun 2019 – On going
Contract Type	Unit Price
Contract Value	USD 4 mil
Total Area	17,500 m^2
Location	Cisarua, Bogor

PESONA ALAM
RESORT & SPA

PT. PARISINDO PRATAMA	
Description	Paper Machine 2 Project
Workscope	Design, Mechanical, Civil, Architecture Work, and General Contractor
Duration	14 Feb 2019 - 04 Jan 2021
Contract Type	Unit Price
Contract Value	USD 3 mil
Total Area	10.000 m^2
Location	Gunung Putri, Bogor

Astra Honda Training centre - Cikarang

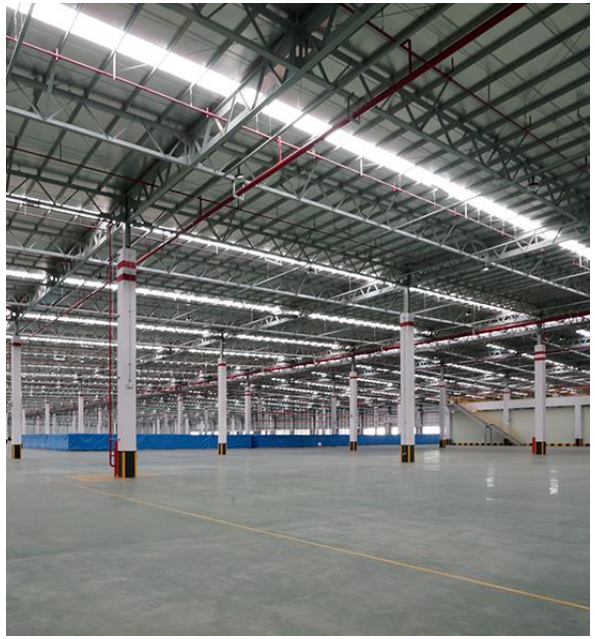
ESPE contractor

PT. SURYACENDRA PURAMEGAH

Description	New Astra Honda Training Center
Workscope	Steel Structure
Duration	10 May 2019 - 18 Feb 2020
Contract Type	Unit Price
Contract Value	USD 2 mil
Total Area	10,000 m^2
Location	Cikarang

PT. ISA HEALTH INDUSTRIES	
Description	PT. ISA Health Industries Factory
Workscope	Steel Structure Work
Duration	19 Feb 2019 - 29 Oct 2019
Contract Type	Unit Price
Contract Value	USD 0.1 mil
Total Area	3,000 m^2
Location	Cikande, Serang

PT. SMCC UTAMA INDONESIA	PT. SMCC INDONESIA
Description	Asahimas Chemical
Work scope	Steel Structure Work
Duration	20 May 2019 – 10 Feb 2020
Contract Type	Unit Price
Contract Value	USD 1.1 mil
Total Weight	1.100.000 kg
Location	Cilegon - Banten



PT NEX LOGISTIC CENTRE

Kutai Refinery Nusantara	PT. KUTAI RFINERY NUSANTARA & SMP
Description	Kutai Refinery Nusantara project
Workscope	Steel structure work
Duration	16 Agt 2018 - 26 Sept 2018
Contract Type	Unit Price
Contract Value	USD 1.1 mil
Total Weight	4,000 ton
Location	Balikpapan - Kalimantan

PT. TAKENAKA INDONESIA	
Description	Hyundai motor manufacture Indonesia Project
Workscope	Steel Structure Work
Duration	18 Feb 2020 – On going
Contract Type	Unit Price
Contract Value	USD 9 mil
Total Weight	8.000.000 kg
Location	Delta mas – Cikarang Pusat

THANK YOU

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