## **COMPANY PROFILE**



www.arohera.com

## **About SAMATOR**

- PT Samator was established on 22 July 1975 to operate an acetylene plant in Surabaya, East Java province, Indonesia.
- As the largest industrial gas player in Indonesia, Samator gas product are widely used in industrial sector like a healthcare, construction, oil and gas, metallurgy, petrochemical, electronics, automotive and many more

Since 1995 Samator Group has offered a full range of integrated services of EPC for Air Separation Plant (ASP) project which ranges from project management, procurement, construction, commissioning to start-up, mechanical engineering, revamping, as well as installation of industrial and laboratory gas pipeline system. construction.





#### ABOUT PT. AROHERA

- Samator Group established the Engineering Procurement Construction / EPC (PT. Arohera) division in 2012.
- PT. Arohera conducts EPC business activities to meet the internal needs of the Samator Group in developing production infrastructure and facilities, especially in the field of Cryogenic Technology
- PT. Arohera has experience in the field of Cryogenic Technology so that in parallel developing the business in terms of providing facilities and infrastructure in the LNG sector.





## MANAGEMENT

#### **BOARD OF COMMISSIONERS**





Rachmat Harsono *President Commissioner* 



Rasid Harsono
Commissioner



Ferryawan Utomo Commissioner

Heyzer Harsono
President Director



Iwan Wiliyanto
Director



Hadywibowo PhajarDirector

#### **SCOPE OF SERVICES**

Design

**Engineering** 

**Procurement** 

Construction

Operation & Maintenance

#### Design

Architectural Design
3D Models
Project Feasibility
Studies
Regulatory
Permissions
Site Analysis
Technology and
Infrastructure

#### **Engineering**

Front End
Engineering Design
Planning and
Scheduling
Safety Planning
System Integrator

#### **Procurement**

Contracts
Management
Raw Material
Purchase
Vendor Sourcing
Quality Controls

#### Construction

Hiring and Training
Workforce
Management
Civil Works
Equipment and Tools
Supply
Iron Fabrications
Quality Controls
Site Safety

#### Operation & Maintenance

Preventive
Maintenance
Performance
Management
Facility Management
Plant Maintenance





#### **REGASIFICATION**

PT. Arohera also has plenty of experiences in Gas Regasification for Oxygen, Nitrogen, Argon, etc.

Regasification is the process of converting the liquid gas back into the gas phase. After becoming a gas phase, the gas can be used for operational activities.

#### AIR SEPARATION PLANT

PT Arohera provides Separation (ASP) **Plant** construction services both for Samator Group's internal projects and external projects from all industrial around Indonesia. Our services included, but are not limited machinery, to. equipment and accessories installations, Liquid Nitrogen Liquid Oxygen flat and bottom tank constructions with various capacities that are ranged from 500m³ up to 2000 m<sup>3</sup>.

#### POWER PLANT NITRO PACKAGING SYSTEM

Nitrogen System Package is well-known for its unparalleled quality and trusted by many renowned industries in Indonesia, especially in power plant project, but are not limited to, engineering design, central regulator manufacture, cylinder rack, cradle and on-site equipment installations.

#### LNG FACILITY AND REGASIFICATION

PT Arohera partnered with Shenzhen Yiho Technology Co, LTD and Sichuan Air Separation Plant Group (SASPG) to develop LNG services in Indonesia. SASPG is a renowned company in China with focus on engineering, LNG Liquefaction, Regasification Plant Facilities and Storage.

#### **LIQUEFACTION PLANT**

The liquefaction process removes water, oxygen, carbon dioxide and sulphur compounds contained in the natural gas. This results in an LNG composition of mostly methane with small amounts of other hydrocarbons and nitrogen. As a liquid, natural gas is reduced to 1/600th of its original volume.

#### PLANT & PIPELINE MAINTENANCE

PT Arohera provides Plant & Pipeline Maintenance Services both for internal and external projects.

#### **HYDROGEN PLANT**

Green hydrogen which is produced from water is playing a more and more important role. As we are committed to endorsing green energy usage, we are equipped with the latest technology and experiences to make it happen. Related project: *Hydrogen Gas Plant Project in Cikampek.* 



## **SOLUTIONS**



### **FLAT BOTTOM TANK**

PT Arohera, a leading manufacturer in the cryogenic storage industry, has successfully designed and produced flat bottom tanks with a double-wall feature for storing liquids such as oxygen, nitrogen, and carbon dioxide. These tanks are ideal for industrial and commercial applications that require safe and efficient storage of cryogenic liquids.

The company has built 15 flat bottom tanks with capacities ranging from 500 to 2000 M3 in various locations across Indonesia, including PuloGadung, Gresik, Batam, Cikande, Cibitung, Rungkut Surabaya, and Medan. These tanks are made from high-quality materials and are designed to withstand extreme temperatures and pressures.

No	Plant	Gas	Capacity	Year	Qty
1	Pulogadung	02	500	2010	1
		N2	500	2010	1
2	Veteran Gresik	02	1.000	2011	1
		N2	1.000	2011	1
3	Batam	02	1.000	2012	1
		N2	1.000	2012	1
4	Cikande	02	2.000	2013	1
		N2	2.000	2013	1
5	Cibitung	02		2014	
		N2	1.000	2014	1
6	Rungkut Surabaya	02	1.000	2015	1
		N2	1.000	2015	1
7	Bontang	02	500	2015	1
		N2	500	2015	1
8	Medan	02	1.000	2015	1
		N2	1.000	2015	1
				Total	15

PT Arohera has been making significant strides in the cryogenic industry. Their commitment to providing quality manufacturing services has earned them the trust of major brands in the industry, including Hang Yang Cryogenic Liquefy Equipment Co. Ltd, SASPG, and CIMC. Their partnership has been fruitful, resulting in the successful completion of numerous projects that have benefited the cryogenic industry.







#### **WORKSHOP**

#### **Cryogenic Center**

- 1. Pressure vessel manufacture
- 2. Cryogenic tank maintenance

#### **Industrial Installation**

- 1. Piping Supply System from storage tank
- 2. Piping Supply System from PGS
- 3. Piping Supply System from cradle

Cradle & Rack System

Fabrication service & repair

N<sub>2</sub>Services

Purging pneumatic test. Flange management.



#### **WORKSHOP in CIKARANG**

Kawasan Industri Javabeka II, JI. Industri Selatan 4 Blok PP No, 4A Pasirsari-Cikarang Selatan, Bekasi 17550, Indonesia Bekasi 17550, Indonesia

#### Workshop PT Arohera berfungsi sebagai

- 1. Cryogenic Center
- 2. Industrial Installation
- 3. Fabrikasi system Cradle dan Rack
- 4. Jasa N2 seperti Purging, Pneumatic test dan Flange management.

## PROJECT EXPERIENCES

No.	Project Name	Owner	Location	Scope of work
1	Pekerjaan Engineering dan Supervisi instalasi VPSA O2 PT Timah	SGI Palembang	Bangka	Pekerjaan engineering, pengadaan dan konstruksi untuk Instalasi VPSA mulai dari pengawasan dari awal Project hingga pelaksanaan Commissioning.
2	Pekerjaan Pemasangan RNC & Expansion Turbin Liquefaction Plant ASP	SIG Bekasi	Cibitung	Pemasangan dan Modifikasi RNC & Expansion Turbine Untuk Liquefection Plant ASP.
3	Pekerjaan Jasa Pembongkaran Coldbox AGI V Sidoarjo ColdBox Repair AGI 5 ( Tahap 1 )	AGI 5 / Sidoardjo	Sidoarjo	Jasa Pembongkaran Cover, Platfrom, Electrikal Instrument Coldbox AGI V Sidoarjo.
4	Pekerjaan Instalasi Air Compressor ,Chiller dan Perbaikan Platfrom CWS,Filling Tangki Induk AGI V Sidoarjo ColdBox Repair AGI 5 ( Tahap 2 )	AGI 5 / Sidoardjo	Sidoarjo	Instalasi Air Compressor ,Chiller dan Perbaikan Platfrom CWS,Filling Tangki Induk AGI V Sidoarjo
5	Pekerjaan Jasa Pemasangan Struktur Coldbox - AGI V Sidoarjo Repair (Tahap 3 )	AGI 5 / Sidoardjo	Sidoarjo	Pemasangan Struktur Coldbox AGI Sidoarjo.
6	Pekerjaan Modifikasi & Perbaikan Area ASP AGI V Sidoarjo ColdBox Repair AGI 5 ( Tahap 4 )	AGI 5 / Sidoardjo	Sidoarjo	Modifikasi & Perbaikan Area ASP AGI V Sidoarjo2.
7	Pekerjaan Modifikasi & Perbaikan Area Coldbox AGI V Sidoarjo Repair AGI 5 ( Tahap 5 )	AGI 5 / Sidoardjo	Sidoarjo	Modifikasi & Perbaikan Area Coldbox AGI V Sidoarjo.
8	Pekerjaan Modifikasi Inner Cold box AGI V (Tahap 6)	AGI 5 / Sidoardjo	Sidoarjo	Pekerjaan Modifikasi Inner Cold box
9	Pekerjaan Jasa Engineering & Supervisi Instalasi Liquefaction PT AGI SIER	Sandana	Rungkut, Surabaya	Jasa Engineering & Supervisi Instalasi Liquefaction PT AGI Sier
10	Jasa Service Propylene Refrigerant JTB	PT Rekayasa Industri	JTB	Jasa Service
11	Jasa Sewa Isotank Refrigerant 11 Unit	PT Rekayasa Industri	JTB	Jasa Pengadaan Sewa Iso tank Refrigerant
12	Pekerjaan Vacuum Insulation PT Nestle Batang	AGI Kendal	Batang	EPC - VL Line untuk dozing equipment
13	Perbaikan Pipeline GAN 4" PT. Wilmar KID - AGI Pelintung	PT Wilmar	Pelintung	Perbaikan Pipeline GAN
14	Supply CO2 Injection Package	PT EMI	EMI	Jasa Pelaksanaan pengawasan pre-commissioning dan comissioning
15	Pre-Commissioning N2 Storage Package	PT. Rekind	Rekind	Jasa Supervisi untuk Commissioning Peralatan LIN Storage Tank



## CERTIFICATION



## Certificate of Registration

PT. Arohera

Jl. Raya Kedung Barut no. 25-28, RT 002/RW 004 Kedung Barut, Rungkut, Surabaya, Jawa Timur, 60298, Indonesia Gedung UGM Samator Pendidikan, Tower A 2nd Floor, Jl. Dr. Saharjo No. 83, Jakarta, DKI Jakarta, 12850, Indonesia Jl. Industri Selatan 4 Blok PP No. 4A, Kelurahan Pasirsari Kec, Cikarang Selatan., Bekasi, Jawa Barat, 17532,

operates a

#### **Quality Management System**

which complies with the requirements of

ISO 9001:2015

The registration covers engineering, procurement, construction and maintenance (EPCM).

Original Certification: 8 September 2022 Certification/Reissue Date: 8 September 2022



Craig J Bates President

TQCS International (Group) Pty Ltd For the TQCSI Certification Approval Panel

This certificate verifies the original certificate issued and is valid as long as it is displayed as an electronic copy at <a href="https://www.tipai.com/and/surveillance/audits/are-satisfactorily/completed\_TQCS">www.tipai.com/and/surveillance/audits/are-satisfactorily/completed\_TQCS</a> (International Pty Ltd (ABN 59 065 953 924) of Quality House, 117A Tapleys Hill











Registration No: ID085-QC Expiry Date: 7 September 2025

International Manager TQCS International (Group) Pty Ltd



Quality Certified



## Certificate of Registration

PT. Arohera

Jl. Raya Kedung Barut no. 25-28, RT.002/RW.004 Kedung Barut, Rungkut, Surabaya, Jawa Timur, 60298, Indonesia Gedung UGM Samator Pendidikan, Tower A 2nd Floor, Jl. Dr. Saharjo No. 83, Jakarta, DKI Jakarta, 12850, Indonesia Jl. Industri Selatan 4 Blok PP No. 4A, Kelurahan Pasirsari Kec, Cikarang Selatan., Bekasi, Jawa Barat, 17532,

operates a

#### Safety Management System

which complies with the requirements of

ISO 45001:2018

The registration covers engineering, procurement, construction and maintenance (EPCM).

Original Certification: 8 September 2022



Craig J Bates TQCS International (Group) Pty Ltd For the TQCSI Certification Approval Panel

Registration No: ID085-SC Expiry Date: 7 September 2025



International Manager TQCS International (Group) Pty Ltd













ISO 9001: 2015

ISO 45001: 2018



Safety

Certified

## CREDENTIALS – SERTIFIKASI JASA KONSTRUKSI (SBUJK, NIB, SERTIFIKAT STANDAR)



#### PEMERINTAH REPUBLIK INDONESIA PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA SERTIFIKAT BADAN USAHA (SBU) KONSTRUKSI LAMPIRAN

PB-UMKU: 022000276016300010001

Lampiran berikut memuat data teknis Sertifikat Badan Usaha (SBU) konstruksi sebagai berikut:

Berdasarkan Undang-undang Nomor 2 Tahun 2017 tentang Jasa Konstruksi sebagaimana telah dibah dengan Undang-undang Nomor 11 Tahun 2020 tentang Cipta Kerja dan peraturan turunannya, dengan ini Lembaga Pengembangan Jasa Konstruksi (LPJK) menetapkan bahwa PT. AROHEM:

Asosiasi yang diikuti : GAPENST

Nama PIBU HEYZER HARSONO

: Phajar Hadywibowo / 1.3.301.2.144.13.1918825

Nama PITBU 2

· 315163568615000 : Pekerjaan Konstruksi

Nomor Registrasi LPIK : F.1.02 IN Spesialis 01.2022 0012032

Ditetapkan tanggal 2022-07-01 : 2025-06-30

Ditetapkan sebagai Badan Usaha Jasa Konstruksi dengan kemampuan, rincian kualifikasi & subklasifikasi dan status pemenuhan kewajiban sebagaimana tercantum pada halaman berikut yang merupakan bagian tidak terpisahkan dengan lampiran ini.





#### PEMERINTAH REPUBLIK INDONESIA

#### PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA SERTIFIKAT BADAN USAHA (SBU) KONSTRUKSI PB-UMKU: 022000276016300010001

occopional Service No. 25-28, Desalfebrehan Kedung Beruk, Kec. Rungsis Kod Janoboya, Provinci Janoboya Provinci Janoboya Romania Kedung Beruk, Kec. Rungsis Kod Janoboya, Provinci Janoboya Timur Kode Kedung Service Science Science Service Janoboya Rungsis Janoboya Service Janobo

1.J. Raya Keding Baruk No. 25-28 DesarKeturahan Kedung Baruk Ked Bungkut Kota Surabaya, Provinsi Jawa Timut Kode Pos: 60298

Telah meneruhi persyatah:

1. Streder Perengan Kenampuan Bedan Usaha Jasa Konstukai (Pekerjaan Konstukai daniatau Pekerjaan Konstukai
Termingesia)

2. Streder Penerapan Kenampuan Badan Usaha Jasa Konstukai (Jasa Konstukai

Dicetek tengget 01 Juli 2022



#### Rincian Kualifikasi dan Subklasifikasi

No	Kualifikasi	Kode Subkia	Sifat	KBLI	Subklasifikasi	Nama PJSKBU
10	=	IN004	Spesialis	43223	Instal asi Minyak dan Gos	Inche Perdana, ST 1.3.303.7.144.13.1940420

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Debutton ang of assistance of otherwise in allow districts pertained metagonization contings.

Debutton of the Section of the Continues of the Continues and the Continues of the C



#### PEMERINTAH REPUBLIK INDONESIA

Berdasarkan Undang-Undang Nomor til Tahun 2020 tentang Cipta Kerja, Pomerintah Republik Indonesia menerbilikan Senfilikat Standar kepada Palanu Usaha berkut hit.

Nomor Induk Berusaha (NIB)
 Alamat Kantor

4, status r cris 3, No. Tekgeon 0, Kocle Vlastikasi θaku Lapengan Usaha Indo (KBLI) 7, Lokasi Usaha

4. Status Penanaman Model

a n. Memeri Pekerjaan Umum dan Perumahan Rakyat Memeri Investraki Kepala Badan Koordinasi Penanaman Medal.



Dicetak tanggal: 5 Desember 2022

#### **SBUJK**



Bendasarkan Undang-Undang Nomor 11 Tatism 2029 tentang Cipta Kerja, Pemerintan Republik Indonesia menetelikan Nomor Induk. Benasahan (NB) Nepada:

PT ARCHERA JI Raya Kodung Baruk No. 25-28, DesaiKobratian Kedung Baruk, Ked Rungiut, Kota Sumboys, Provinci Jawa Timur, Kude Post 00298 03199004000

NB ini berlatu di selaruh wilayah Republik Indonessa telama menjalankan kepisian usaha dan berlatu sebagai Angka Pengonal Erper (APIAI), Indi aksesi kepabasanan, pendalbaran kepeserikan pemiran anasial keseladan dan pemiran sessal haten epakerpem selat balib pemirahan kejoran pertama Welja Lasar Katanagakangan di Panushanan (WAIP).

Polistu. Usaha dengan NIS tertebut di afan dapat melaksanakan kegistan berusaha sebagaimana terlampik dengan telap mempahat kan kukantuan peraturan perpentana-andaranan

Ditertilken di Jekerle, langgel: 6 Juli 2020 Perubahan ke-12, tanggel: 11 November 2022



Verifikasi denintasi pengawasan pemeruhan perayaratan denintasi kewajiban Pelaku Usaha dilakukan oleh Kemanarian/Lambasa-Pemerintah Dascah terkai/.



No	Kode	Judat KRU	Lokast Danha	Tingkat Reako	Periman Berusaha		
	KBLI				Jenn	Status	Kelerengen
	46591	Perdagangan Besar Mesin Kanter dan Industri Pengciahan, Suku Cadang Cam Perlangkapannya	Jalan Raya Kedung Benak No. 25-28, Dosa-Kebrahan Kedung Benak, Kec. Rungkat, Kota Surabaya, Provinci Jawa Tarair Koda Posi 60298	COLORS I	NB	Terbit	
	46051	Barang Kimia	J. Raya Kedung Baruk No. 25-28, Dessi Keturahan Kedung Baruk, Kec. Rungkul, Rota Surebaya, Provinsi Jawa Turur Kode Por. 50298		NB	Torbit	
70	46655	Perdagangan Beser Masin, Peralatan Dan Perlengkapan Lainnya	J. Raya Kedung Batuk No. 25-28, DesseKelurahan Kedung Batuk, Ked. Rungkut, Kota Burahaya, Provinsi Jawa Timur Kode Pos. 80298.	Rendsh	NB	Terbit	
4	46099	Perdagangan Bosar Produk Lannya YTOL	Jt. Raya Kedung Baruk No. 25-28, Dosa Kobrohan Kedung Baruk, Ket. Rungkut, Kota Sarabaya, Provinsi Jawa Teran Koda Pos. 60296	Rendsh	NE	Testil	
6	43223	Instalissi Minyak		Menengah Tinggi	NB	Terbit	
		Dan Gas	25-28, DesalKelurahan Kodung Baruk, Koc. Rungkut, Kota Surabaya, Provinsi Jawa Timur Kode Pos: 60298		Sertifikat Standar	Telah Terverifikasi	*
6	41013	Konstruksi	J. Raya Kedung Banis No.	Menengah Tinggi	NE	Terbit	
		Geclang Industri	25-26, Desa Kelurahar Kedung Baruk, Kec. Rungkat, Kota Sundayya, Provinsi Jawa Tirrur Kode Pos. 80298		Sertificat Standar	- Beitum Terverifikasi - Lekukan pemeruhan persyeratan metalu ots golid	Lakukan pemenuhan standar moratu osago id paing tembat 90 (sambilan puluh) han kerja sebelum waku) perkiraan mulai beroperas iproduksi
7	42923	Konstruksi		Menengah Tiragi	NB	Torbit	
		Bangunan Sipil Fasilitas Pengolahan Produk Kimia Petrolomia,	25-28. Desa Kelurahan Kedung Baruk, Kec. Rungkut. Kota Surabaya, Provinsi Jawa Timur Kode Pos. 60298		Setition Standar	- Belum Terverifikasi - Lakukan pemeruhan pereyaratan	Lakulan pemenuhan standar melalui ossigo id pating lambat 90 (sembitan poluh)

## ereyarasan: Standar Ponetapan Kamampuan Badan Usaha Jasa Janstruksi

PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA BERBASIS RISIKO

SERTIFIKAT STANDAR : 02200027601630001

Persyaratan danjatan Kewajiban

Verifikasi pemeruhan persyaratan Pelaku Usaha dilakukan oleh Kementerian/Lembagai Pemerintah Daerah terkait.
 Lampiran ini merupakan bagian tidak terpisahkan dari dekuman Sertifikat Standar tersebut.

ion.
Petista Udena wejib memorahi pereyarsian danlatau kewajtian sesuai Norma, Standar, Prosedur, dan Kritoria (NSPK)
Kemeteksia/Usenbega (K.C.).
Vertikasi onemusen persyaratan Pesiku Usaha diakukan dieh Kementensantambaraki Pemerintah Daerah terkari.

Distance is discribit an oldom CSS comparation state dail Palairy Usaka bara injuden datam bildom CSS, yang manjudi Burgaying Westo Palaira Cliante.

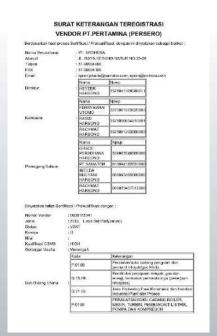


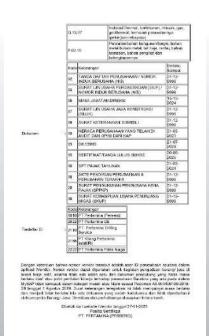
**NIB** 

**SERTIFIKAT STANDAR OSS** 

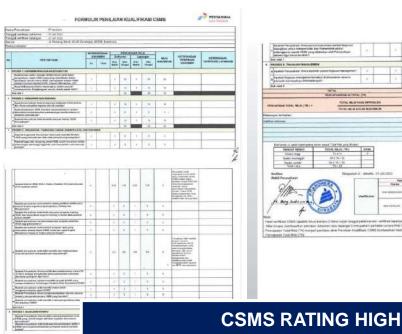
### REGISTERED VENDOR CERTIFICATE & CSMS











## PT PERTAMINA GAS NEGARA

#### **REGISTERED VENDOR CERTIFICATE** PT PERTAMINA (persero)

REGISTERED VENDOR CERTIFICATE PT.

**PETROKIMIA GRESIK** 



yang berlaku.

2. Dekumen administrasi telah liabis masa berlakunya



#### PERTAMINA SERTIFIKAT Nomer: 000109.S/PP.02.03/SOR3/2023 PENYEDIA BARANG DAN JASA TERDAFTAR INSTALATUR GAS PT AROHERA (ID - 0320220900) Kategori Kelulusan CSMS Golongan Instalatur Surabaya, 02 Januari 2023 General Manager, Sales & Operation Region III

**REGISTERED VENDOR CERTIFICATE** 

PT PERTAMINA GAS NEGARA



**SERTIFIKASI INSTALATUR GAS PGN** 

"Sertifikel ini berlatu selama 2 (dua) habun sejak tenggal dilarbitkan dongan totap mompantatikan masa berlatu Sertifikal Contractor Safety Managemen System (mana yang berakhir lebih dahulu) dan dapat dilinjau saray jike sewakti wishti Instalatur Gas datem pelaksandan pekerjaan pipa instalasi Ga

**REGISTERED VENDOR CERTIFICATE PEGASSOL** 

# THANK YOU

Surabaya Office: Gedung The Samator 18<sup>th</sup> Floor Jl. Raya Kedung Baruk 26-28 Suarabaya 60298 INDONESIA O31-9900 4000 Jakarta Office:
Gedung UGM Samator Pendidikan
Tower A 3<sup>rd</sup> floor
Jl. Dr Sahardjo No.83
Jakarta 12850 INDONESIA

Email: epcm@arohera.com



www.arohera.com