



PT. DUTA SURYA SUKSES
Liquid Air Separation Plant



Your Dynamic and Reliable
Business Partner

COMPANY PROFILE



Company Reviews

As Batam's first Air Separation Plant, PT. Duta Surya Sukses sets a new milestone for the island's Gas Industry. The plant manufactures high purity Liquid Oxygen, Liquid Nitrogen and Liquid Argon for the local marine and high tech industries. Our ASU produces 200 tons of Liquefied Gas daily. It is situated strategically at Tanjung Uncang Industrial area, which is also the heart of Batam's Shipbuilding and Marine Industry, with an area of 3 hectares.

The plant commence operation in July 2012. It puts us in a good position to meet the growing demand around the KEPRI region, particularly Batam Island. With decades of experience in the Industry and the dedication of our skilled and qualified team, we aim to support the needs of customers across a wide variety of industries with reliable quality products and services. For local customers, we can offer faster products delivery and technical support.

Our Mission

We strive to be an acknowledge global leader and preferred partner in providing our customers with quality product, on time delivery and service.

Our Vision

To be recognize as the global's leading liquid gas manufacture.



Our Support Facilities

- ISO Tank
- VIE Tank
- Mini Bulk

Our Product support industrial and medical gases for :

- Shipyard (KEPRI main business)
- Oil and Gas
- Pulp and Paper
- Agri-food and Beverages
- Automotive, Aeronautical and Transportation
- Chemicals and Petrochemicals
- Craftsmen and Worksites
- Electronic Component and Products
- Environment
- Glass, Cements and Lime
- Research Centers and Laboratories
- Metal Fabrication Industries
- Metallurgy
- Optoelectronics
- Pharmaceuticals and Biotechnologies
- Plastic Processing
- Semiconductors
- Space and Aeronautics (embarked systems)



Air Separation Unit (ASU)

An Air Separation Unit separates the atmospheric air into three primary components such as Nitrogen, Oxygen and Argon. This separation process uses the Cryogenic Temperature Distillation or Rectification method which separates the different gases through a series of filtration, compression, purification, cooling, condensation and evaporation stages. The ASU will produce high purity Liquified Nitrogen, Oxygen and Argon gases for customer in diverse manufacturing Industries.

At PT. Duta Surya Sukses, we have a fleet of Cryogenic Storage Tanks (VIE), Transport Tank (ISO), Portable Liquid Containers and Ton Tanks to deliver our customer's Liquid gas requirement. Depending on the volume of use, we are able to supply large quantities of Industrial Gases to customer with on-site Pipeline and Storage tank installation.





Industrial Gases & Bulk Liquid

Duta Surya Sukses offers a comprehensive range of Industrial gases in liquid or compressed forms to fulfill customers' needs. Industrial Gases are widely use in various application and processes such as steelmaking, semiconductors, ship building, food and beverage, medical application, laser cutting, etc. These Industrial gases may be supplied in individual cylinders, pallets or various sizes of Liquid cryogenic tanks, depending on customers' consumption and requirement.

Bulk Liquid

Liquid Nitrogen (LIN)

Liquid Oxygen (LOX)

Liquid Argon (LAR)

Liquid Carbondioxide (LCO2)

Industrial Gases

Oxygen

Helium

Argon

Nitrogen

Carbon Dioxide

Other Specialty, Medical,

Electronic Gases & etc

Hydrogen

Balloon Gas

Mixture Gas

Refrigerant

Dissolved Acetylene

Nitrous Oxide

Propane

Dry Ice



Speciality Gases & Medical Gases



Speciality gases cover a wide range of products for various applications, consisting mainly of High Purity Gases, Customized Mixed Gases and Standard / Calibration Gases. Our in-house Laboratory is equipped with computerized Gas Chromatography System and other Gas Analyzers and apparatus to ensure higher accuracy and precision. We are able to offer comprehensive range of specialty gases to match the specific needs and requirements of individual customers.



- High Purity & UHP Gases
- Mixture Gases
- Standard / Calibration Gases



Medical Gases, Equipment & Supply System

Humidifier

Outlets

Flowmeter

Regulators

Gas Alarm System

Gas System With Autochangeover Manifold

Vacuum System

Liquid Oxygen Portable Storage Tank, etc



Gas Equipment



We provide a range of gas related products and accessories, such as :

1. Cryogenic Liquid Tank
 - ISO Tank
 - VIE Tank
 - Mini Bulk
2. Cylinders
3. Pallets
4. Vaporizer
5. Alarm System
6. Vacuum System
7. Gas Supply System
8. Regulators
9. Cryogenic Valves
10. Gauges
11. Flowmeters



Services



Duta Surya Sukses has facilities to provide customized services in the following areas to complement our products:

- Gas Equipment Rental
- Ship & Plant Purging
- On-site Gas Generation System
- Gas Supply Installation
- Blanketing
- Cylinder Testing and Cleaning
- Gas Equipment Rental and Servicing
- Accumulator Servicing and Refilling
- Cryogenic Tank Maintenance

Purging



PT Duta Surya Sukses With a dedicated team of engineers, supervisors and skilled workers who undertake these activities with the support of a network of plants, branches and more 10 cryogenic tankers for transporting liquid nitrogen, the ability of PT Duta Surya Sukses to mobilize equipment and manpower within a short time has made it the most sought-after company for undertaking purging jobs / operations involving tight deadlines and precision workmanship.

We have been regularly undertaking purging jobs for LPG, Amonia and other gas pipelines. In addition, we have worked extensively with leading strongly professional teams. Purging and commissioning jobs were undertaken for GAS PATRA 2 and 3 , Supply N2 (7 ISO Tank 10 feet) Maintenance piping paltfoam, SHIP of ASIAN GAS II, Accumulator of Pressure until 35 Bar, High Pressure 100 Bar Accumulator of baby plast Injection-Unit Machine, 1st and 2nd TOP Up N2 GAS TO Vessel CS Nusantara Explorer, SHIP of GAS PATRA 3, SHIP of GRIYA BORNEO, SHIP of XENA, Chemical Tanker, PIPELINE Natural Gas Arun-Aceh, PIPELINE Natuna - Anambas, ELPINDO 2, LPG Carier, AE Gas LPG,

When you partner with DSS, you can rely on us for a full-service offering comprising:

- Can be efficiently and cost-effectively purged of oxygen and moisture at start-up or shut-down using liquid nitrogen (LIN).
- Tests and feasibility analyses
- Development of a tailored solution
- Advice on the most economical inert gas supply-scheme to meet your purity specifications
- Safety analysis with our safety system the number one priority





PT. DUTA SURYA SUKSES

Contact Detail :

Batam Yard & Office

**Jl. Brigjen Katamso Kawasan Industri Tanjung Uncang No. 76-78
Kec. BatuAji – Batam, Indonesia 29400**

Phone (+62) 778 392900 / 392903

Fax (+62) 778 393600

Email: enquiry@dutasuryasukses.com

www.dutasuryasukses.com