



Specialty Gases and Equipment



"Think **BIG** ...
The name you can rely on"

Company Overview



"Think **BIG**.
The name you can
rely on"

BIG, the leading industrial gas manufacturer in Thailand, offers full range of products and services related to the industrial and specialty gases.

Specialty gases and associated equipment are the key to meet broad range of customer requirements in various industries.

With our largest global network with Air Products and Chemicals Inc. (APCI), we are committed to deliver our best value to customers at the highest service level, safety, quality, reliability, flexibility, and innovation.

This catalog provides you with most of standard products and services. In case you have special requirements for specific gases or equipment not listed in this catalog, please contact us, Specialty Gas Business, at 0 2676 6262 or 1731, the order center.

High-Purity, Regulators



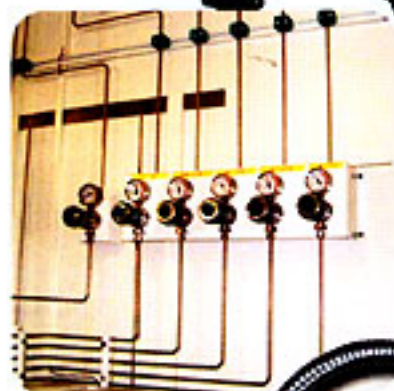
- ◆ High-Purity, Single-stage, Brass Regulators
- ◆ High-Purity, Single-stage, Stainless Steel Regulators
- ◆ High-Purity, Double-Stage, Brass Regulators
- ◆ High-Purity, Double-stage, Stainless Steel Regulators



High-Purity Line
Regulators



High-Purity,
Automatic
Changeover
Panels



Gas Piping
System



Flexible
Metal Hose

Pure Gas Specification

Item	Product	Purity	Standard Outlet Valve	Filling Pressure (psig)	Gas Content (Unit/Cylinder)
1	Air Zero	21±1% O ₂ /N ₂	CGA 540	2000	7 M ³
2	Argon Industrial Grade	99.99%	CGA 580	2000	7 M ³
3	Argon High Purity Grade (HP)	99.995%	CGA 580	2000	7 M ³
4	Argon Ultra High Purity Grade (UHP)	99.999%	CGA 580	2000	7 M ³
5	Helium High Purity Grade (HP)	99.995%	CGA 580	150 Bar	7 M ³
6	Helium High Purity Grade (HP)	99.995%	CGA 580	200 Bar	9.3 M ³
7	Helium Ultra High Purity Grade (UHP)	99.999%	CGA 580	150 Bar	7 M ³
8	Helium Ultra High Purity Grade (UHP)	99.999%	CGA 580	200 Bar	9.3 M ³
9	Hydrogen High Purity Grade (HP)	99.99%	CGA 350	2000	7 M ³
10	Hydrogen Ultra High Purity Grade (UHP)	99.999%	CGA 350	2000	7 M ³
11	Nitrogen Industrial Grade	99.5%	CGA 580	2000	7 M ³
12	Nitrogen High Purity Grade (HP)	99.99%	CGA 580	2000	7 M ³
13	Nitrogen Ultra High Purity Grade (UHP)	99.999%	CGA 580	2000	7 M ³
14	Oxygen Industrial Grade	99.5%	CGA 540	2000	7 M ³
15	Oxygen High Purity Grade (HP)	99.7%	CGA 540	2000	7 M ³
16	Oxygen Ultra High Purity Grade (UHP)	99.999%	BS 3	200 Bar	10.6 M ³
17	Carbon Dioxide Industrial Grade	99.5%	CGA 320	830	25 Kg
18	Nitrous Oxide Industrial Grade	99.0%	CGA 326	745	20 Kg
19	Nitrous Oxide Instrument Grade	99.5%	CGA 326	745	20 Kg
20	Acetylene Industrial Grade	98.0%	CGA 300	250	6 Kg
21	Acetylene Instrument Grade	99.5%	CGA 300	250	6 Kg
22	Sulphur Hexafluoride	99.9%	Din 6 / CGA 590	298	59 Kg
23	Carbon Monoxide	99.5%	CGA 350	2000	7.5 M ³

Gas Mixtures

- ◆ Two-Component Mixtures
- ◆ Multi-Component Mixtures

Special Applications / Mixtures

- ◆ EPA Protocol Gas
- ◆ Hydrocarbon Calibration Standard Gas
- ◆ Electronic Gas
- ◆ Laser Gas
- ◆ Pure Gases and Gas Mixtures in Transportable Cylinder
- ◆ BIP™ (Built-in-Purifier)
- ◆ Process Chemicals

Special Services

Apart from safety and technical training package, BIG also provides laboratory testing services for our client including other services and accessories



Please contact us, Specialty Gas Business

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BIG plant 1 : Specialty gas customer service

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