



Industrial Gases and Calibration Mixtures

Kinetic Chemicals Sdn Bhd is one of the most well established suppliers of gases to over hundreds customers especially oil and gas industries.

We supply full range of gases range from single type gas to multi-mix gas, which are prepared in low and high pressure form. These gases could be customized to different level of purity for the requirements in different industry. On top of that, these gases conforming to the international quality standards of British Standard (BS), Compresses Gas Association. (CGA), US Federal Specification and US and British Pharmacopeia for medical gases. We have also supply various type of products such as gas regulator, valve connection, cylinder rack and other general trading.

Industrial Gases & Refrigerant

Gases Available Upon Request

Industrial Grade

Industrial grade gases commonly used in manufacturing /process sector such as metal fabrication, automative process, pulp and paper industry, inerting reactors and storage tanks & etc.

Example :

Oxygen, Nitrogen, Argon, Carbon Dioxide, Dissolved Acetylene, Helium & etc.

Purified Grade

Pure gases mostly used in the laboratory instruments such as chromatographs, mass spectrometers and other various types of analyzer and detectors as support gas. A full range of purities are available up to 99.999%.

Example :

P/Oxygen, P/Nitrogen, P/Argon, P/Carbon Dioxide, & etc.

Medical Gases

We offer wide range of medical gases to clinic, hospital, and medical centre . Some of the functions are as sterilization purposes, used as a medical gas in breathing apparatuses, used for inhalation anesthetic, as a laser gas, Cryosurgery & etc.

Example :

Medical Oxygen, Nitrous Oxide, Ethylene Oxide, Entonox & etc.

Refrigerant

We supply a full range of products for the air conditioning, refrigeration and heat pump industries. Nowadays, commonly in industries use are either chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs). Advantages of these two classes of fluorocarbon refrigerant have an adverse effect on stratospheric ozone.

Example :

HCFC
(HydroChloroFluoroCarbon)

CFC
(ChloroFluoroCarbon)

HFC
(HydroFluoroCarbon)

Mixture Gases

Some specialty gas mixtures are contain only three or four components, such as sulfur dioxide mixtures and nitric oxide. Others may be quite complex, containing as many as 30 or more components. Each and very cylinder is issued with certificate of analysis of components.

Example:

Laser gas mixtures, leak detection mixtures, fire fighting inert mixtures, Calibration gas & etc.

Specialty Gases

These are multi-component mixtures, specially prepared to suit customer's specific requirements and specifications for the process application, research and experimental application.

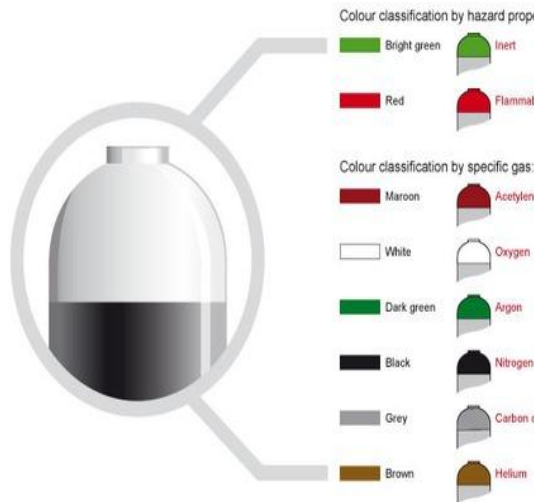
Example:

Silane, Sulfur Hexafluoride (SF6), & etc.

Hydro carbon gases: Propane, Ethane, Butane, etc.

Cylinder Color Identification:

All the cylinder gases have their own identification labels denoting components and impurity levels. Some of them are marked with warning colors bands to denote potentially hazardous properties of mixture components.



GAS
CYLINDER

Valve Connection:

The type of valves fitted to a cylinder will depend upon the components present in the mixture. Cylinders having one or more flammable components will have standard left hand valves conforming to BS.

Size:

Cylinder size are available in ranging from 2L, 5L, 10L, 40L, 47L, 50L to 133L & etc .



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