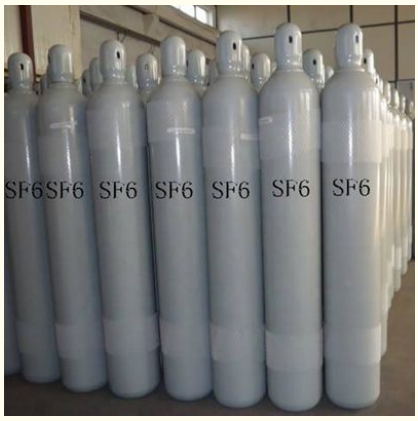
Cylinder Gas SF6 Sulfur Hexafluoride Specialty Gas GB DOT Standard Sulfur Hexafluoride Gas

Our Product Introduction

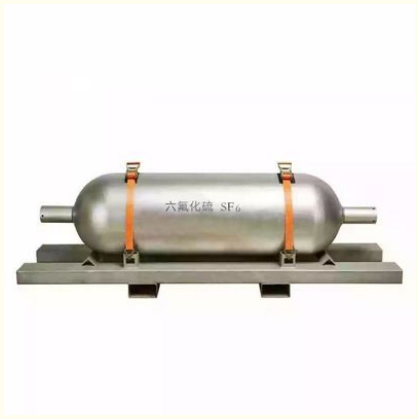
Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: SF6
- Minimum Order Quantity: 1kg
- Price: US $ 9.5/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000 Tons/Year



Product Specification

- Product Name: Sulfur Hexafluoride
- Melting Point: -50.8 ºC
- Boiling Point: -63.8 ºC
- Appearance: Colorless Gas
- Valve: Qf-2/Cga 580
- Cylinder Pressure: 15MPa/20MPa
- Purity: 99.999%
- Cylinder Volumn: 40L/47L/50L
- Cylinder Standard: GB/DOT
- Transport Package: 40L, 47L, 50L, 500L
- Specification: 40L, 47L, 50L, 500L
- Trademark: CMC
- Origin: China
- HS Code: 28129019
- Supply Ability: 5000tons/Year



More Images

Our Product Introduction

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Product Description

SF6 Sulfur Hexafluoride Specialty Gas Cylinder tank

Sulfur hexafluoride (SF6) is a chemical compound composed of sulfur and six fluorine atoms. It is an inorganic, colorless, odorless, non-flammable, and non-toxic gas. SF6 is commonly used in various industrial applications due to its unique properties.

Here are some key points about sulfur hexafluoride:

Electrical Insulator: SF6 has excellent electrical insulating properties, which make it suitable for use in high-voltage electrical equipment such as circuit breakers, switchgear, and transformers. It effectively extinguishes electrical arcs and allows for compact designs of such equipment.

Dielectric Medium: SF6 is widely used as a dielectric medium in medium and high-voltage gas-insulated switchgear (GIS). It enables compact designs, efficient power transmission, and reduced maintenance requirements.

Tracer Gas: SF6 is used as a tracer gas in leak detection for various applications, including the monitoring of industrial processes, the testing of gas pipelines, and the detection of leaks in enclosed spaces such as buildings.

Medical Applications: SF6 is sometimes used as a contrast agent in medical imaging procedures, particularly for ultrasound examinations of the gastrointestinal tract. In this application, it is administered orally or rectally in a mixture with air or oxygen.

Environmental Impact: SF6 is a potent greenhouse gas with a high global warming potential (GWP). Its GWP is 23,500 times greater than that of carbon dioxide (CO2) over a 100-year period. Due to its long atmospheric lifetime, SF6 contributes to the greenhouse effect and is regulated under international agreements such as the Kyoto Protocol.

Safety Considerations: Although SF6 is non-toxic, it can displace oxygen and cause suffocation in high concentrations. Proper handling procedures and safety precautions should be followed when working with or transporting SF6.

Basic Info

Transport Package:	40L, 47L, 50L, 500L	Melting Point	-50.8ºC
Trademark:	CMC	Boiling Point	-63.8ºC
Specification	99.995%, 99.999%	Production Capacity	5000tons/Year
Cylinder Pressure	15MPa/20MPa	Valve	Qf-2, Cga590
Appearance	Colorless, Odorless	Density	6.0886 Kg/M³

Specifications

Specifications	Company Standard
SF6	≥ 99.995%
Air	≤ 10 ppm
CF4	≤ 2 ppm
C2F6	≤ 20 ppm
C3F8	≤ 5 ppm
Low Sulfide	Not Detected
H2O	≤ 1 ppm
Acidity as HF	≤ 0.1 ppm
Hydrolysable Fluor ides as HF	≤ 0.3 ppm
Mineral Oil	≤ 1 ppm

Detailed Photos


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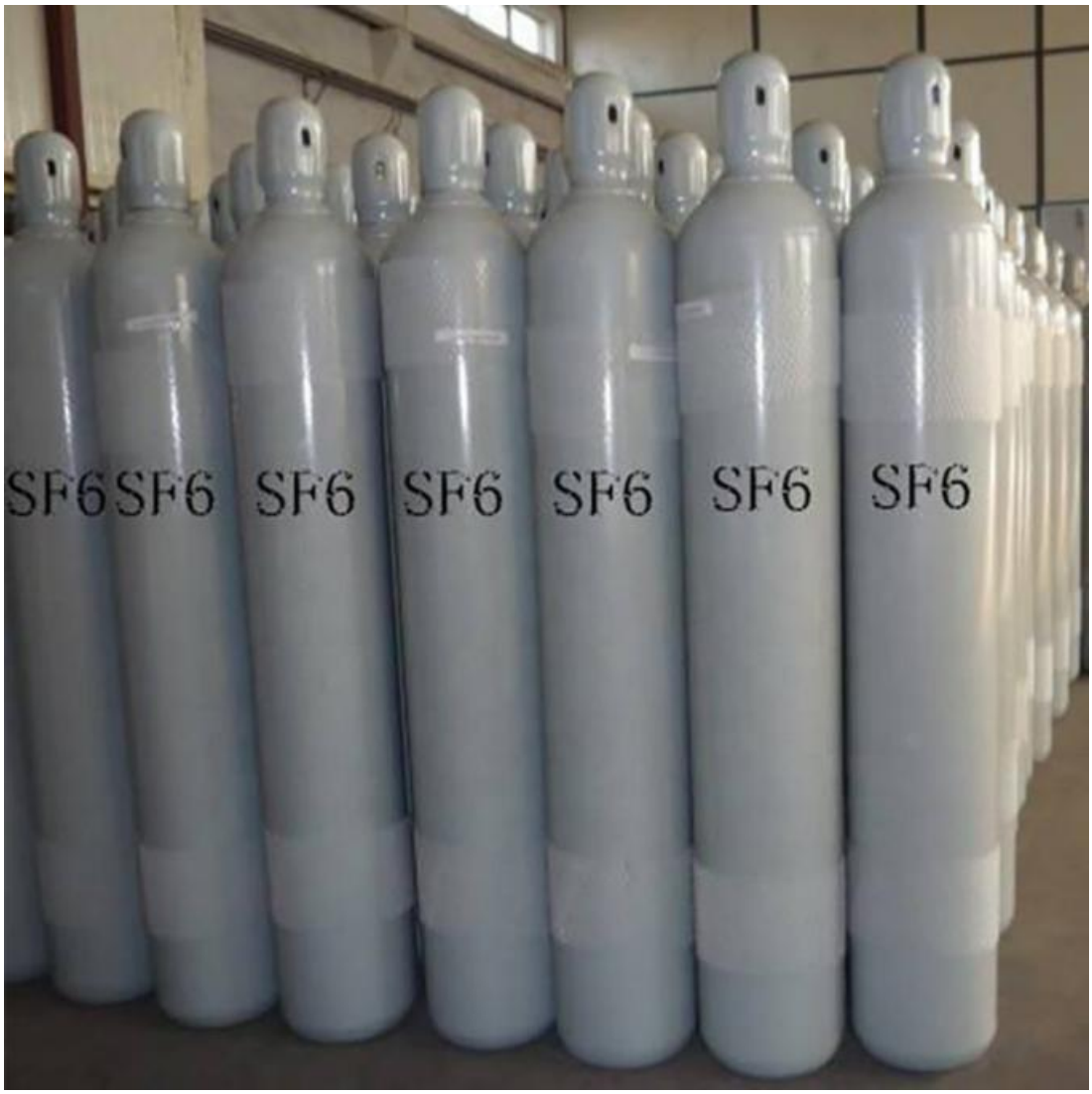
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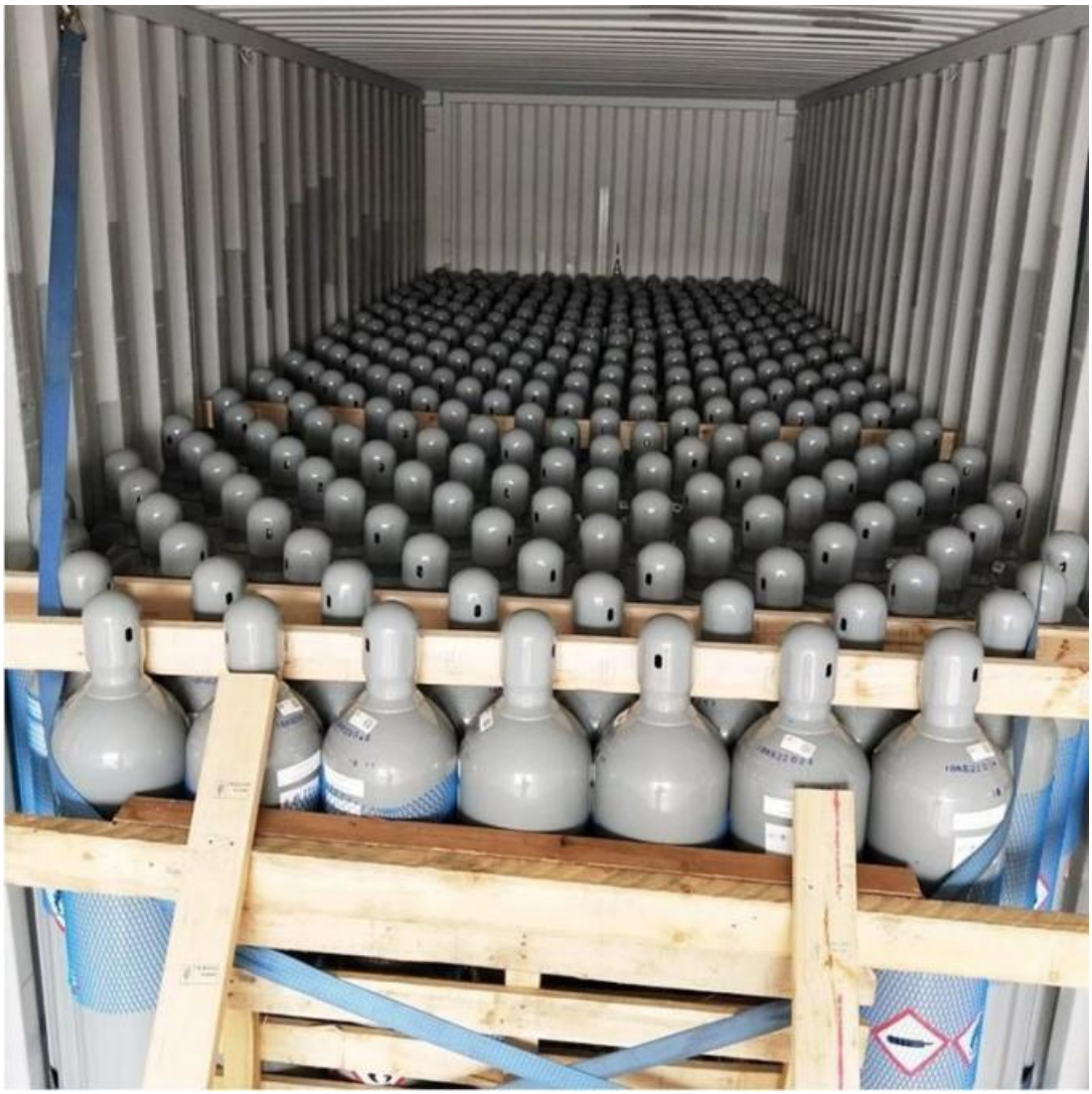

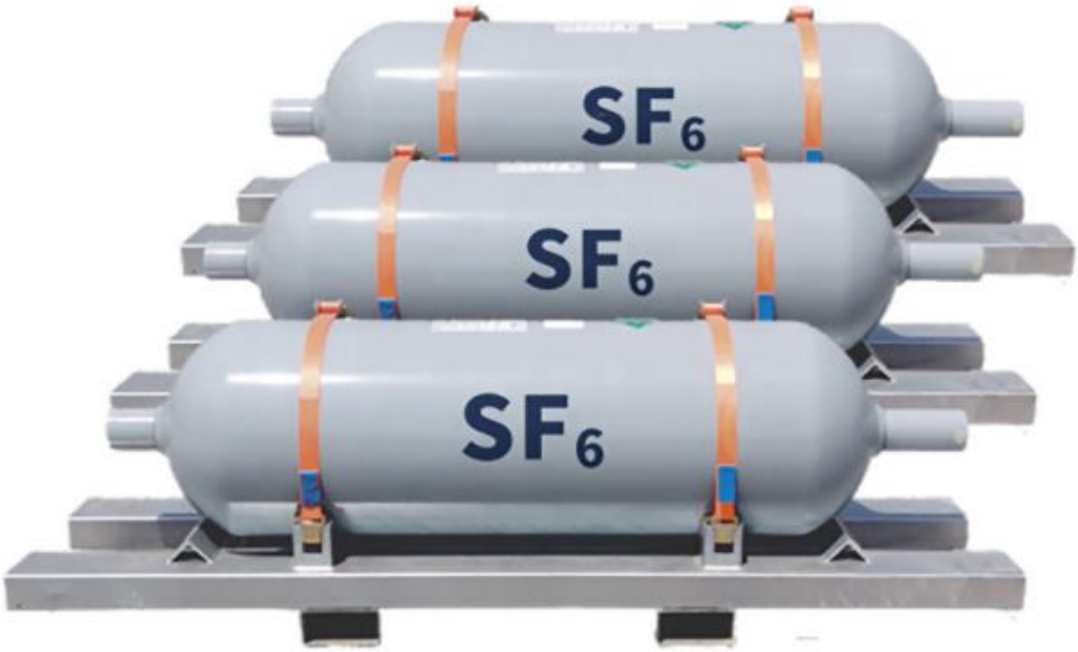
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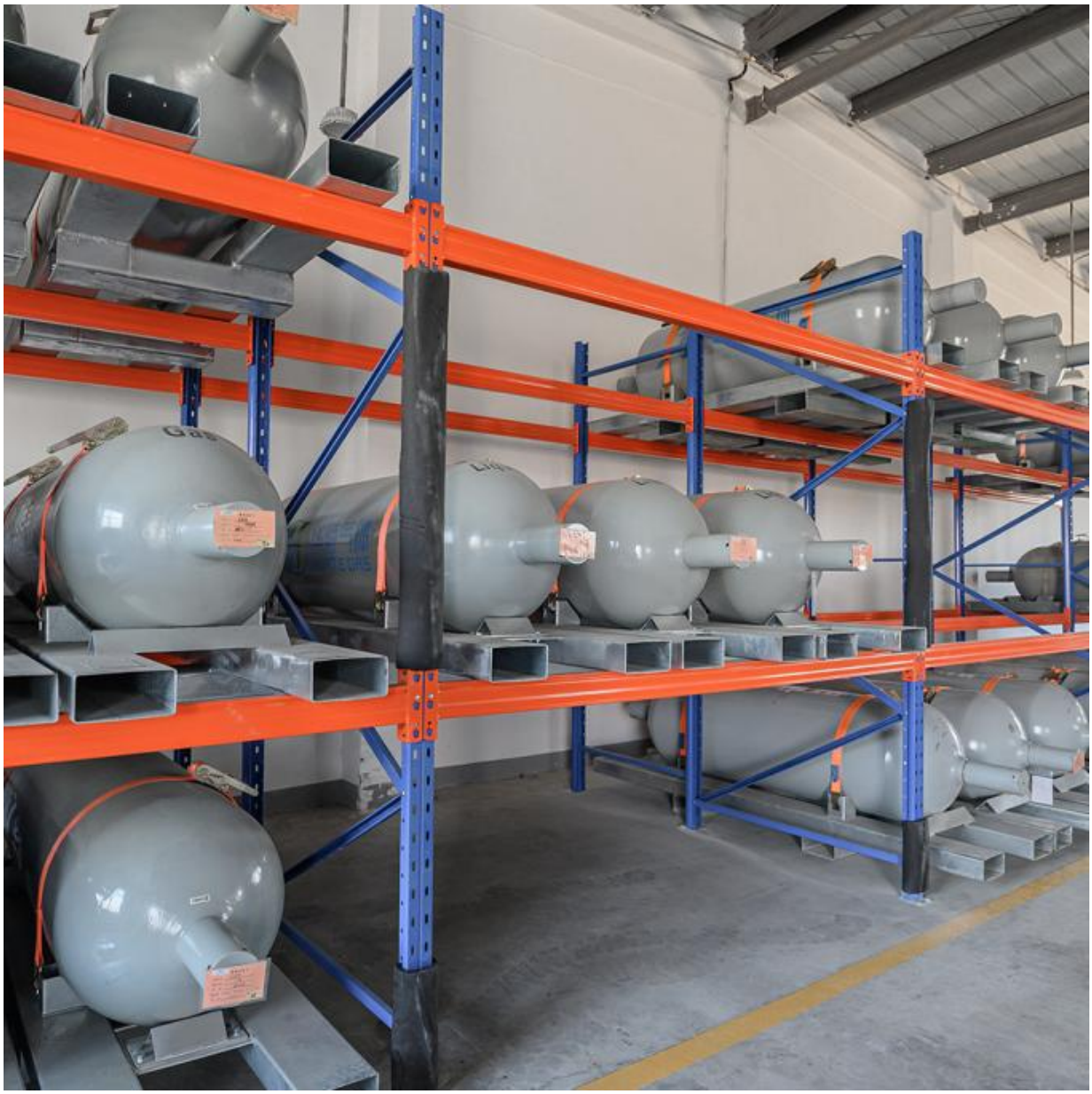

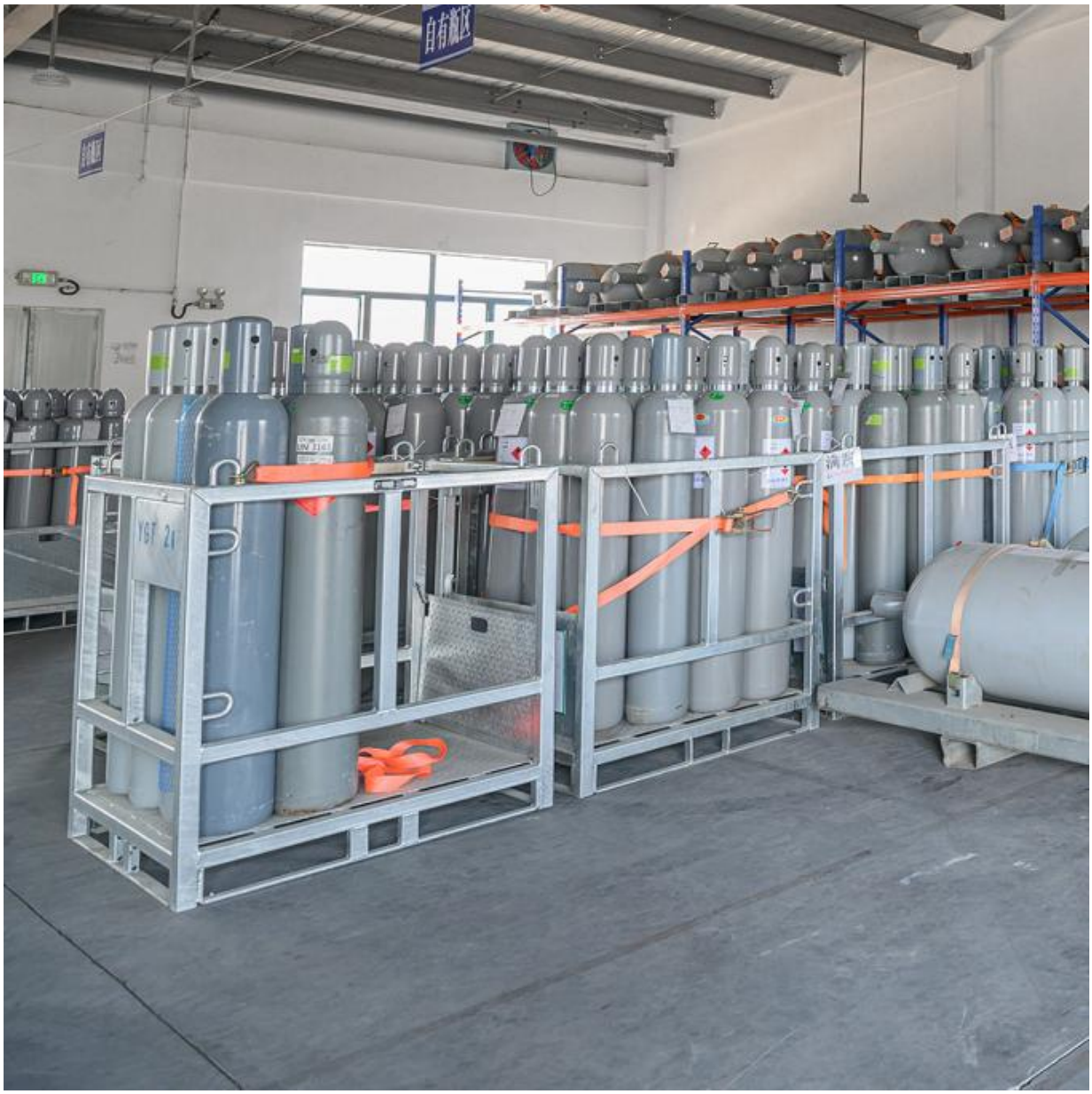
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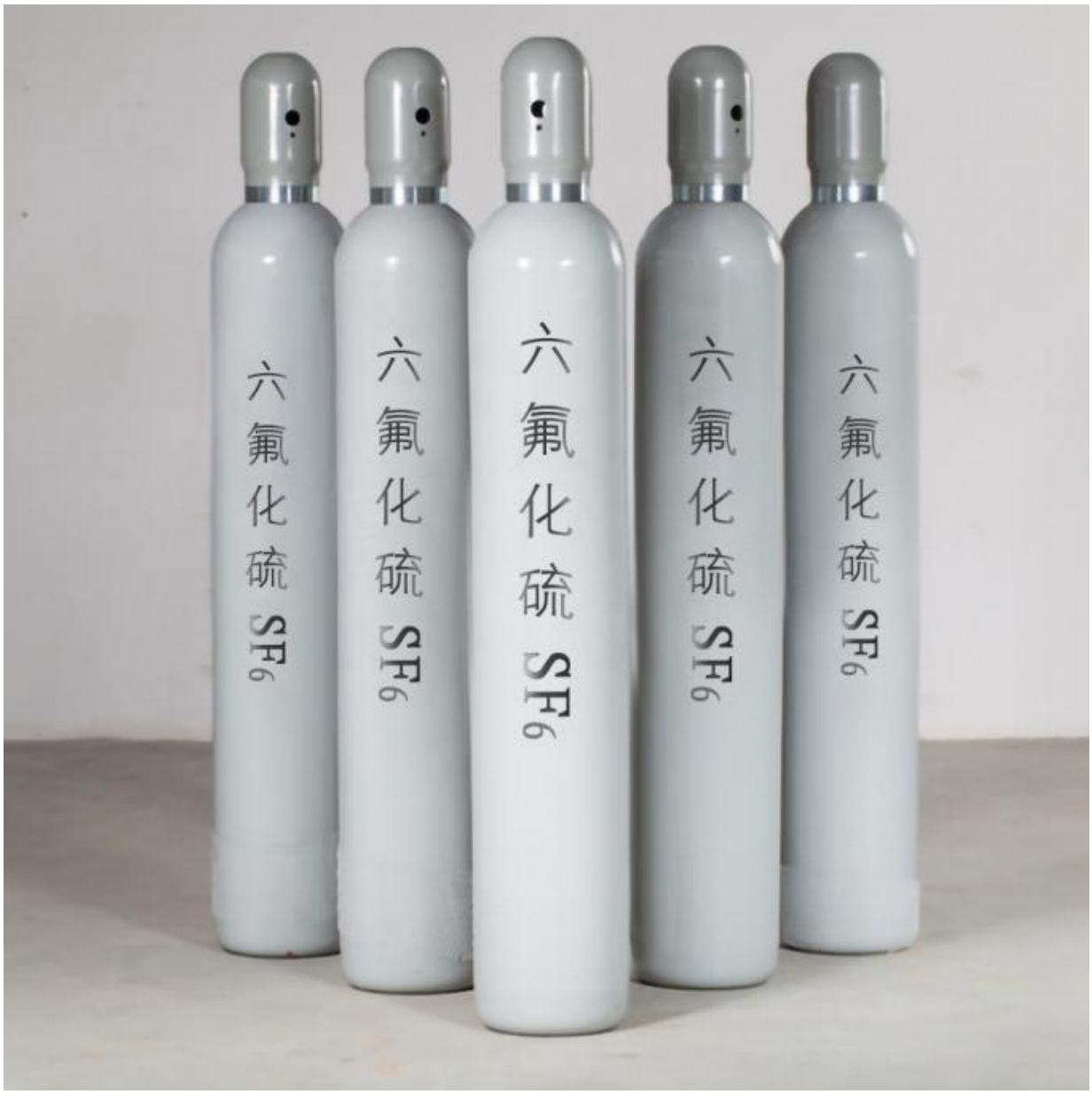
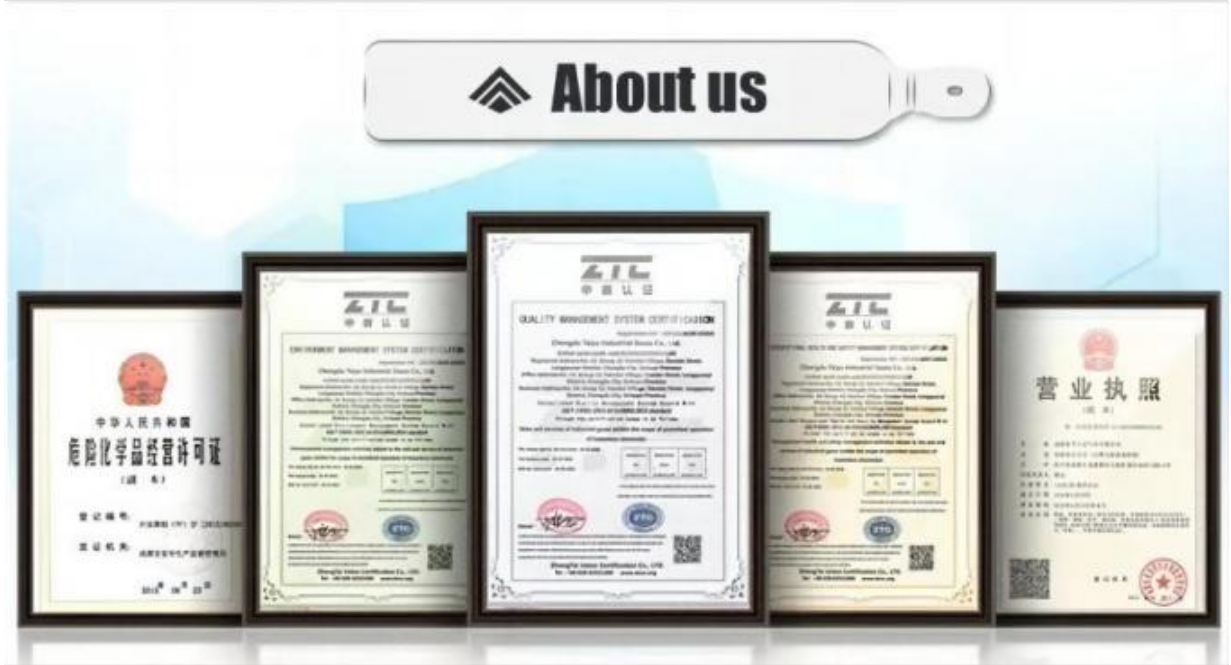


Company Profile



Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc ., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The products are involved in various industrial fields, such as

semiconductor chip, solar cell, LED, TFT-LCD, optical fiber, glass, laser, medicine , etc., Our mission is to partner with our global customers to provide support, solutions and quality products that are innovative,reliable, and safe.
Our products mainly include: H2, O2, N2, Ar, CO2, propane, acetylene, helium, laser mixed gas, SiH4, Sih2cl2, SiHCL3, SiCL4, NH3, CF4, NF3, SF6, HCL, N2O, doping mixed gas (TMB, PH3, B2H6) and other electronic gases.

SiCl4	NH3	NH3	CH3F	SiH4	Kr	H2S	WF6	F6+Cl2
4MS	C3F8	C3F8	TEOS	CH4	PH3	SF6	C2	HCl+Ne
CF4	C4F8	SiH2						TMB+H2
SiF4	C3H8	Cl2						He +As
BBr3	C3H6	DCE						Ge+Se
POCl3	N2	SO2						D+B
BCl3	D2	CO2						CO+NO
SiHCl3	CH2F2	HF	AsH3	C2H4	C2H2	HBr	COS	Ar+O2
TMAl	DMZn	DEZn	GeH4	C2H6	B2H6	H2Se	GeCl4	Xe+NO

Shanghai Kemike Chemical Co.,Ltd

+86 18762990415 williamchen@cmc-chemical.com gascylindertank.com