

Gas Detection Calibration Gas Standards

(Sulfur Dioxide SO₂, Carbon Monoxide CO, Ammonia NH₃)

YIGAS INTERNATIONAL LIMITED

1. Overview

Calibration gases ensure the accuracy of gas detection and safety monitoring systems. YIGAS supplies certified SO₂, CO, and NH₃ calibration mixtures with traceable standards.

2. Technical Specifications

Gas	Purity Level	Typical Phase	Temperature Range	Common Pressure
SO ₂	≥99.9%	Gas	-10–50 °C	5–150 bar
CO	≥99.9%	Gas	-192 °C	5–200 bar
NH ₃	≥99.5%	Gas	-33 °C	5–150 bar

3. Industrial Standards

All gases comply with:

- ISO 6142 – Gas mixture preparation
- EN 60079 – Gas detection system standards
- GB/T 3864–2020 – Gas identification

4. Applications

- SO₂: Stack monitoring calibration
- CO: Industrial gas detector calibration
- NH₃: Safety system verification

5. Packaging & Supply

Cylinder • Portable Cylinder • Custom Mixture

6. Contact Information

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This document provides reference specifications for YIGAS gas detection calibration gases. Customized supply and technical support are available upon request.