

Hydrogen Fueling Gas Standards

(Hydrogen H₂)

YIGAS INTERNATIONAL LIMITED

1. Overview

Hydrogen fuel is key to the clean energy transition. YIGAS supplies high-purity H₂ for hydrogen refueling stations, fuel cells, and industrial hydrogenation.

2. Technical Specifications

Gas	Purity Level	Typical Phase	Temperature Range	Common Pressure
H ₂	≥99.999%	Gas	-253 °C	200—700 bar

3. Industrial Standards

All gases comply with:

- ISO 14175 – Gases for industrial processes
- EIGA Doc 100/20 – Combustion and flame safety
- GB/T 3864–2020 – Gas labeling and safety

4. Applications

- Fuel cells for mobility and stationary systems
- Hydrogen refueling stations
- Industrial hydrogenation processes

5. Packaging & Supply

Cylinder • Tube Skid • Trailer • On-site Hydrogen Plant

6. Contact Information

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This document provides reference specifications for YIGAS hydrogen fueling gases. Customized supply and technical support are available upon request.