

Inerting and Blanketing Gas Standards

(Nitrogen N₂, Argon Ar)

YIGAS INTERNATIONAL LIMITED

1. Overview

Inerting and blanketing gases are used to protect reactive materials, prevent oxidation, and ensure process safety. YIGAS provides high-purity nitrogen (N₂) and argon (Ar) solutions for chemical, pharmaceutical, and food industries.

2. Technical Specifications

Gas	Purity Level	Typical Phase	Temperature Range	Common Pressure
N ₂	≥99.999%	Gas / Liquid	-196 °C	5—200 bar
Ar	≥99.999%	Gas / Liquid	-186 °C	5—200 bar

3. Industrial Standards

All gases comply with:

- ISO 14687 – Hydrogen quality for fuel cell vehicles
- EIGA Doc 87/19 – Hydrogen production and safety
- GB/T 37244–2018 – Hydrogen fueling specifications

4. Applications

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

5. Packaging & Supply

Cylinder • Dewar Tank • ISO Tank • On-site System

6. Contact Information

www.yigasgroup.com

Address: Guangdong, China

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