

FURNACE GAS MIXTURES



Gas Description

The furnace gas mixtures developed at Air Liquide are used in conjunction with appropriate equipment for heat treating and productive atmospheres.

Typical applications :

Protective atmospheres.

Transport Regulations :

UN number : 1956 <5.7% Hydrogen in Nitrogen
 1954 >5.7% Hydrogen in Nitrogen
 1954 Carbon Dioxide in Carbon Monoxide
Class : 2.2 : < 5.7 % Hydrogen in Nitrogen
 2.1 : > 5.7 % Hydrogen in Nitrogen
 2.1 : Carbon Dioxide in Carbon Monoxide

0-1% to 10% Hydrogen with Nitrogen Balance

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	7.6
E	TYPE 20		3.7
D			1.5

Recommended Equipment

Dual stage chrome plated brass body regulator with a stainless steel diaphragm.

For further information [Contact](#) the specialty gases representative in your region.

60% Carbon Monoxide, 40% Carbon Dioxide

Cylinder Size	Valve Connection	Pressure (kPa)	Contents (m ³)
G	AS 2473	16,600	7.6
E	TYPE 20		3.7

Recommended Equipment

Dual stage chrome plated brass body regulator with a stainless steel diaphragm.

For further information [Contact](#) the specialty gases representative in your region.