

GENERAL - CADENA DE VALOR		
Organismo	Documento	Contenido
NFPA	NFPA 50A	Standard for Gaseous Hydrogen Systems at customer sites
NFPA	NFPA 50B	Standard for Liquified Hydrogen Systems at customer sites
EIGA	Doc. 235/21	Industrial Gas Pipeline Integrity Management
CGA	CGA G-5:2017	Hydrogen
CGA	CGA G-5.3:2017	Commodity Specification for Hydrogen
CGA	CGA G-5.4:2019	Standard for Hydrogen Piping Systems at Users Locations
CGA	CGA G-5.6:2005	Hydrogen Pipeline Systems
CGA	CGA PS-48:2016	Position Statement on Clarification of Existing Hydrogen Setback Distances and Development of New Hydrogen Setback Distances in NFPA 55
EIGA	Eiga Doc. 187/14	Guideline for the Location of Occupied Buildings in Industrial Gas Plants
EIGA	Doc. 75/21	Methodology for Determination of Safety and Separation Distances
EIGA	Doc 137/17	Selection of Personal Protective Equipment
PRODUCCIÓN DE HIDRÓGENO		
Organismo	Documento	Contenido
EIGA	Doc. 211/17	Hydrogen Vent Systems for Customer Applications
CGA	CGA G-5.5:2021	Standard for Hydrogen Vent Systems
CGA	CGA G-5.6:2005	Hydrogen Pipeline Systems
ACONDICIONAMIENTO		
Organismo	Documento	Contenido
EIGA	Doc. 10207/21	Safety Audit / Assesment Tool - Hydrogen Compression Purification and Cylinder Handling
ALMACENAMIENTO		
Organismo	Documento	Contenido
EIGA	Doc. 6/19	Safety in Storage, Handling and Distribution of Liquid Hydrogen
EIGA	Doc. 211/17	Hydrogen Vent Systems for Customer Applications
EIGA	TB42/22	Welded Gaseous Storage Vessels and Hydrogen Compatibility
EIGA	Doc.127/23	Bulk Liquid Oxygen, Nitrogen and Argon Storage Systems at Production Sites
CGA	CGA H-3:2019	Standard for Cryogenic Hydrogen Storage
CGA	CGA G-5.5:2021	Standard for Hydrogen Vent Systems
CGA	CGA PS-46:2017	Position Statement - Roofs over Hydrogen Storage Systems
British Pressure Vessels Code	PD 5500 Annex C	Specification for unfired fusion welded pressure vessels
German Pressure Vessels Code	AD Merkblätter S1, S2, HP1	Simplified analysis for cyclic loading
French Pressure Vessels Code	Codap Section C10.2	Code de construction des Appareils a Pression non suumis a l'action de la flammae
European Vessels Code	EN.13445	Unfired pressure vessels
Chinesse Pressure Vessels Code	JB4732-1995 Steel. Pressure Vessel	Steel pressure vessels
ISO	11114-2	Gas cylinders - Compatibility of cylinder and valve materials with gas content - Part 2: Non metallic materials
ISO	11119-4	Gas cylinders. Refillable composite gas cylinders. Design, construction and testing
ISO	11623	Composite cylinders and tubes. Periodic inspection and testing.

ISO	11114-4	Transportable gas cylinders – Compatibility of cylinders and valves materials with gas contents Part 4 : test methods for selecting metallic materials resistant to hydrogen embrittlement (to be published)
DISTRIBUCIÓN Y TRANSPORTE		
Organismo	Documento	Contenido
EIGA	Doc. 6/19	Safety in Storage, Handling and Distribution of Liquid Hydrogen
CGA	ANSI/CGA H-5:2020	Bulk Hydrogen Supply Systems
CGA	CGA P-28:2022	OSHA Process Safety Management and EPA Risk Management Plan Guidance Document for Bulk Liquid Hydrogen Supply Systems
CGA	CGA P-74:2019	Standard for Tube Trailer Supply Systems at Customer Premises
CGA	CGA PS-69:2022	Position Statement on Liquefied Hydrogen Supply System Separation Distances
MEDIO AMBIENTE		
Organismo	Documento	Contenido
EIGA	Doc. 88/14	Good Environmental Management Practices for Industrial Gas Industry
EIGA	Doc. 122/18	Environmental Impacts of Hydrogen Plants
EIGA	Doc. 220/19	Environmental Guidelines for Permitting Hydrogen Plants Producing less than 2 tonnes per day
EQUIPOS ELÉCTRICOS		
Organismo	Documento	Contenido
EIGA	Doc. 134/21	Potentially Explosive Atmospheres - EU Directive 1999/92/EC
CGA	CGA PS-31:2007 (R201)	Cleanliness For Proton Exchange Membranes Hydrogen Piping Components
NFPA	NFPA 79	Electrical Standard for Industrial Machinery
UL	UL 1203	Explosion Proof and Dust Ignition Proff Electrical Equipment for use in hazardous locations
ISA	12 12 01	Nonincendive Electrical Equipment For Use In Class I And II, Division 2 And Class III, Divisions 1 And 2 Hazardous (Classified) Locations
IEC	IEC 60204-1:2016	Safety of machinery - Electrical equipment of machines - Part 1 General Requirements
IEC	IEC 61439-1:2011	Low voltage switchgear and control gear assemblies - Part 1 General Rules
IEC	IEC 61439-2:2011	Low voltage swithgear and control gear assemblies - Part 2: Power switchgear and control gear assemblies
IEC	IEC 60364-5-52:2009	Selection and erection of electrical equipment. - Wiring systems
IEC	IEC 61000-6-2:2016	Electromagnetic compatibility (EMC) - Part 6.2: Generic standards - Immunity for industrial environments
IEC	IEC 61000-6-4: 2018	Electromagnetic compatibility (EMC) - Part 5.4: Generic standards - Emission standard for industrial environments
Directive EU	2006/42/EC	Machinery Directive
Directive EU	2014/30/EU	EMC Directive
Directive EU	2014/34/EU	ATEX Directive
Directive EU	2014/35/EU	Low Voltage Directive
Directive EU	2014/68/EU	Pressure Equipment Directive
CAPACITACIÓN DEL PERSONAL		
Organismo	Documento	Contenido
EIGA	Doc. 23/07	Safety Training Leaflet Hydrogen
ESTACIONES DE DISPENSADO DE HIDRÓGENO		
Organismo	Documento	Contenido
EIGA	TB43/22	Secondary Identification of H2 Vehicle at Dispenser