



AIGA Technical Publications List (as at March 2014)

AIGA aims to produce technical literatures for the industry in Asia. These shall include standards, safety bulletins, position papers and best practice documents and recommendations for safety and environmental care in the production, storage and distribution of industrial gases in line with practices in Japan, Europe and the United States.

AIGA publications are made available to the general public on its website. The publications are listed below.

Members with login password would be able to access information available to AIGA members only.

AIGA Publication Catalogue **AIGA Technical Publications List**

AIGA Documents:

- SB 07/11 Safety at customer sites
- SB 06/10 Safe handling of compressed gases in the laboratory and plant
- SB 05/10 Recent cases of asphyxiation in confined spaces in Asia
- SB 04/09 Potential hazards of quick opening cylinder valves used with firefighting gases
- SB 03/06 Safe operation of forklift trucks
- SB 02/09 Influenza pandemic preparedness
- SB 01/05 Safe use of acetylene
- Position Paper 04 Transfilling of medical gas cylinders
- Position Paper 03 Tapered and parallel (straight) threads in aluminum alloy cylinders
- Position Paper 02 MOU -Gas cylinder ownership and responsibilities in Asian countries
- Position Paper 01 GMP Guide for medicinal gases

- AIGA 086/14 Safe startup and shutdown practices for steam reformers (harmonised publication)
- AIGA 085/13 Liquid oxygen, nitrogen and argon cryogenic tanker loading system guide (harmonised publication)
- AIGA 084/13 Methodology to establish Product Carbon Footprint
- AIGA 083/13 Disposal of gases (harmonised publication)
- AIGA 082/13 Combustion safety for steam reformer operation (harmonised publication)
- AIGA 081/13 Safe practices for storage and handling of nitrous oxide (harmonised publication)
- AIGA 080/13 Safe practices for the production of nitrous oxide from ammonium nitrate (harmonised publication)
- AIGA 079/12 Safe design & operation of cryogenic enclosures
- AIGA 078/12 Member's area only



AIGA 077/11	Guidelines for handling externally contaminated medical cylinders in a pandemic situation
AIGA 076/13	Safe use of aluminum structured packing for oxygen distillation (harmonised publication)
AIGA 075/11	Calculation method for the analysis and prevention of overpressure during refilling of cryogenic tanks with rupture disk(s) [harmonised publication]
AIGA 074/11	Safe handling of carbon dioxide containers that have lost pressure (harmonised publication)
AIGA 073/13	Tap water corrosion of composites with AA 6061 liners (harmonised publication)
AIGA 072/11	Guidelines for transport by sea of MEGCS and portable tanks for transport of gases (harmonised publication)
AIGA 071/13	Centrifugal compressors for oxygen service (harmonised publication)
AIGA 070/11	Leak detection fluids_cylinder packages (harmonised publication)
AIGA 069/10	Recommendations for safe filling of CO2 cylinders and bundles
AIGA 068/10	Carbon Dioxide (harmonised publication)
AIGA 067/10	Safe location of oxygen and inert gas vents (harmonised publication)
AIGA 066/10	Selection of personal protective equipment (harmonised publication)
AIGA 065/13	Avoidance of failure of CO and CO-CO2 mixtures in cylinders (harmonised publication)
AIGA 063/09	Use of residual pressure valves
AIGA 062/09	Methods to avoid and detect internal gas cylinder corrosion (harmonised publication)
AIGA 061/13	Safe use of gas cylinders in marine service
AIGA 060/11	Safe installation and operation of PSA and membrane oxygen and nitrogen generators (harmonised publication)
AIGA 059/09	Design considerations to mitigate potential risks of toxicity of non-metallics in high pressure oxygen breathing systems (harmonised publication)
AIGA 058/13	Safe preparation of compressed oxidant fuel gas mixtures in cylinders (harmonised publication)
AIGA 057/10	Safe use of brazed aluminum heat exchangers for producing pressurized oxygen (harmonised publication)
AIGA 056/08	Safe practices guide for cryogenic air separation plants (harmonised publication)
AIGA 055/08	Installation guide for stationary, electric motor driven centrifugal liquid oxygen pumps (harmonised publication)
AIGA 054/08	Prevention of excessive pressure during filling of cryogenic vessels (harmonised publication)
AIGA 053/13	Code of practice for fluorine & mixtures with inert gases (harmonised publication)
AIGA 052/08	Storage & handling of silane & silane mixtures
AIGA 051/08	Code of practice Phosphine (harmonised publication)
AIGA 050/08	Code of practice Arsine (harmonised publication)
AIGA 049/08	Guidelines to bulk medical oxygen supply system for healthcare facilities
AIGA 048/12	Reciprocating compressors for oxygen service (harmonised publication)



AIGA 047/08	Safe preparation of gas mixtures (harmonised publication)
AIGA 046/08	Periodic inspection of static cryogenic vessels
AIGA 045/07	Gaseous hydrogen stations
AIGA 044/07	Flexible connections in high pressure gas systems
AIGA 043/07	Member's area only
AIGA 042/13	Work Injury & Product Vehicle Accident statistics
AIGA 041/06	Defensive driving
AIGA 040/06	Good practices guide for loading & unloading of cryogenic liquid tankers
AIGA 039/06	Road transport emergency preparedness
AIGA 038/06	Vertical cylinder handling & transportation
AIGA 037/06	Permissible charge/filling conditions for acetylene cylinders
AIGA 036/06	Guidelines for management of waste acetylene cylinders
AIGA 035/13	Safe operation of reboilers/condensers in air separation units (harmonised publication)
AIGA 034/06	Carbon monoxide & syngas pipeline systems (harmonised publication)
AIGA 033/14	Hydrogen pipeline systems (harmonised publication)
AIGA 032/12	Perlite Management (Harmonised publication)
AIGA 031/13	Bulk oxygen, nitrogen & argon storage systems at production sites
AIGA 030/06	Storage of cryogenic air gases at users premises
AIGA 029/10	Code of practice Nitrogen Trifluoride (harmonised publication)
AIGA 028/06	Unmanned Air Gas plant - Design & Operation(harmonised publication)
AIGA 027/06	Cryogenic vaporisation systems - Prevention of brittle fracture of equipment and piping (harmonised publication)
AIGA 026/13	Principles for safe handling & distribution of highly toxic gases & mixtures
AIGA 025/13	Pressure receptacles with blocked or inoperable valves
AIGA 024/10	Connections for transportable & static bulk storage tanks
AIGA 023/05	GMP Guide for medicinal gases
AIGA 022/13	Code of practice Acetylene
AIGA 021/12	Oxygen pipeline and piping systems
AIGA 019/05	Connections for portable liquid cylinders
AIGA 018/10	Safe handling of electronic specialty gases (harmonised publication)
AIGA 017/05	Labeling of gas containers (including associated equipment)
AIGA 016/05	Safety features of portable cryogenic liquid containers for industrial & medical gases
AIGA 015/05	Safety rules for contractors
AIGA 014/05	Safety Audit Guidelines
AIGA 013/05	Incident/Accident Investigation and Analysis



AIGA 012/04	Cleaning of equipment for oxygen service
AIGA 011/04	Work Permit System
AIGA 010/04	Management of Change
AIGA 009/10	Safety training of employees
AIGA 008/11	Hazards of inert gases and oxygen depletion
AIGA 007/04	Job Motivation & safe operations in cylinder filling stations
AIGA 006/10	Good environmental management practices for the industrial gas industry
AIGA 005/10	Fire hazards of oxygen and oxygen enriched atmospheres
AIGA 004/13	Handling gas container emergencies
AIGA 003/07	Member's area only

Seminar Programmes

2013 Meeting 3	Gases Process Safety - Taiwan 2013 Seminar Programme
2013 Meeting 2	Managing ESG Safety - Korea Seminar Programme
2013 Meeting 1	Oxygen Safety - India Seminar 2013 Programme
2012 Meeting 1	Oxygen Safety - Taiwan Seminar 2012 Programme
2010 Meeting_4	Acetylene Safety Seminar 2010 Malaysia Programme
2010 Meeting_3	Electronic Specialty Gases Safety Seminar 2010 Korea Programme
2010 Meeting_2	Electronic Specialty Gases Safety Seminar 2010 Taiwan Programme
2010 Meeting_1	Acetylene Safety Seminar 2010 Indonesia Programme
2009 Meeting_2	Acetylene Seminar Programme
2009 Meeting	Acetylene Seminar Information
2008 Meeting	Product Vehicle Safety and Accident Prevention Programme

:: Training Packages ::

AIGA TP 13/13	Member's area only
AIGA TP 12/12	Member's area only
AIGA TP 11/12	Safe use and handling of portable liquid cylinders
AIGA TP 10/12	Safe driving in bad weather conditions
AIGA TP 09/12	Member's area only
AIGA TP 08/11	Member's area only
AIGA TP 07/11	Near Misses in Electronic Specialty Gases
AIGA TP 06/06	Work Permit System
AIGA TP 05/05	Prevention of Over Pressurization



- AIGA TP 04/05 Slips, trips & falls
- AIGA TP 03/05 Safe storage, handling & use of compressed gases
- AIGA TP 02/05 Fire hazards of oxygen & oxygen enriched atmospheres
- AIGA TP 01/04 Oxygen Deficiency

Seminar Papers

- 2012 Meeting Oxygen Safety 2012 Taiwan (Chinese-English version)
- 2012 Meeting Oxygen Safety 2012 Taiwan (English version)
- 2010 Meeting Acetylene Safety - Handling and use
- 2009 Meeting Acetylene Safety - Production and use
- 2008 Meeting Product Vehicle Safety and Accident Prevention
- 2007 Meeting Packaged Gases Safety
- 2006 Meeting Transportation Safety
- 2006 Meeting Transportation Safety (Chinese Version)
- 2005 Meeting Operations Safety