

## AIGA Technical Publications (as at May 2011)

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.

Position Paper 03	Use of tapered and parallel(straight) threads in aluminum alloy cylinders
Position Paper 02	MOU Gas cylinder ownership & responsibilities in Asian countries
Position Paper 01	GMP Guidelines for medicinal gases
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 in firefighting gases
SB 03/06	Safe operation of forklift trucks
SB 02/09	Influenza Pandemic
SB 01/05	Safe use of acetylene
AIGA 075/11	Calculation method for the analysis and prevention of overpressure during refilling of cryogenic tanks with rupture disk(s)
AIGA 074/11	Safe handling of liquid carbon dioxide containers that have lost pressure
AIGA 073/11	Tap water corrosion of composites with AA 6061 liners
AIGA 072/11	Guidelines for transport by sea of MEGCS and portable tanks for transport of gases
AIGA 071/11	Centrifugal compressors for oxygen service
AIGA 070/10	Leak detection fluids_cylinder packages
AIGA 069/10	Recommendations for safe filling of CO <sub>2</sub> cylinders and bundles
AIGA 068/10	Carbon Dioxide
AIGA 067/10	Safe location of oxygen and inert gas vents
AIGA 066/10	Selection of personal protective equipment
AIGA 065/09	Avoidance of failure in CO and CO/CO <sub>2</sub> mixtures cylinders
AIGA 064/09	Safety features of portable cryogenic liquid containers for industrial and medical gases
AIGA 063/09	Use of residual pressure valves
AIGA 062/09	Methods to avoid and detect internal gas cylinder corrosion
AIGA 061/09	Safe use of gas cylinders in marine service
AIGA 060/09	Safe installation and operation of PSA and membrane oxygen and nitrogen generators

AIGA 059/09	Design considerations to mitigate potential risks of toxicity when using non-metallic materials in high pressure oxygen breathing gas systems
AIGA 058/08	Safe preparation of compressed fuel gas mixtures in cylinders
AIGA 057/10	Safe use of brazed aluminium heat exchangers for producing pressurised oxygen
AIGA 056/08	Safe practices guide for cryogenic air separation plants
AIGA 055/08	Installation guide to stationary electric motor driven centrifugal liquid oxygen pumps
AIGA 054/08	Prevention of excessive pressure during filling of cryogenic vessels
AIGA 053/08	Code of practice Compressed fluorine and mixtures with inert gases
AIGA 052/08	Storage & handling of silane & silane mixtures
AIGA 051/08	Code of Practice_Phosphine
AIGA 050/08	Code of Practice_Arsine
AIGA 049/08	Guideline to bulk medical oxygen supply system for healthcare facilities
AIGA 048/08	Reciprocating compressors for oxygen service
AIGA 047/08	Safe preparation of gas mixtures
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 042/07	Work Injury Statistics
AIGA 041/06	Defensive driving
AIGA 040/06	Good practices guide for loading and unloading of cryogenic liquid tankers
AIGA 039/06	Road transport emergency preparedness
AIGA 038/06	Vertical cylinder handling and transportation
AIGA 037/06	Permissible charge cylinder fill conditions for acetylene cylinders
AIGA 036/06	Guidelines for management of waste acetylene cylinders
AIGA 035/06	Safe operation of reboilers/condensers in air separation units
AIGA 034/06	Carbon monoxide and Syngas pipeline systems
AIGA 033/06	Hydrogen transportation pipelines
AIGA 032/08	Perlite Management
AIGA 031/06	Bulk liquid oxygen, nitrogen and 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
AIGA 028/06	Unmanned Air Gas Plant Design & Operation
AIGA 027/06	Cryogenic vaporization systems prevention of brittle fracture in equipment and piping
AIGA 026/06	Principles for safe handling & distribution of highly toxic gases & mixtures
AIGA 025/06	Pressure receptacles with blocked or inoperable valves
AIGA 024/10	Gas connections for transportable and static bulk storage tanks
AIGA 023/05	GMP Guide for Medicinal Gases
AIGA 022/05	Code of Practice for Acetylene

AIGA 021/05	Oxygen Pipeline Systems
AIGA 020/05	Code of Practice Nitrous oxide
AIGA 019/05	Connections for Portable Liquid Cylinders
AIGA 018/10	Safe handling of electronic specialty gases
AIGA 017/05	Labelling 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 Systems
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 004/04	Handling Gas Container Emergencies
AIGA 003/07	Member's area only
2010 Meeting_4	Acetylene Safety Seminar 2010 Malaysia Programme
2010 Meeting_3	Electronic Specialty Gases Safety Seminar 2010 Korea
2010 Meeting_2	Electronic Specialty Gases Safety Seminar 2010 Taiwan
2010 Meeting_1	Acetylene Safety Seminar 2010 Indonesia
2009 Meeting_2	Acetylene Seminar Programme
2009 Meeting	Acetylene Seminar Information
2008 Meeting	Programme

#### **:: Training Packages ::**

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	Hazards of oxygen & oxygen enriched atmospheres
AIGA TP 01/04	Oxygen Deficiency
2008 Meeting	Product Vehicle Safety and Accident Prevention
2007 Meeting	Packaged Gases Safety
2006 Meeting	2006 Meeting
2006 Meeting	2006 Meeting Chinese Version
2005 Meeting	2005 Meeting