

AIGA 2005 Meeting

The highlight of AIGA's activities 2005 was the second annual meeting held over 30-31 August at the Orchard Hotel in Singapore. The first meeting was successfully held in Phuket in 2004.

Attendance at the Singapore meeting was 80, almost double the number in Phuket.

The meeting kicked off with a full day seminar by leading experts in the gas industry. First class presentations from all the speakers made for a fruitful day for the participants.

The second day was filled with presentations from the Work Groups and the National Associations on their work for the year.

As AIGA also hosted the 17th International Harmonisation Council meeting over 1-2 September in Singapore, the IHC delegates also participated in the AIGA meeting. IHC members from EIGA accepted the invitation to address the meeting on


the important subject of global harmonisation for the gases industry.

The Taiwan High Pressure Gases Industrial Association had graciously sent its representative, Mr. Lin-Yi Yi, to attend the meeting. Mr. Lin gave a comprehensive overview of the work that is being done by the association in Taiwan.

2006 Meeting note:

The Technical Committee is preparing to come up with another great programme for this year.

Below: Section of audience. Right: Mr Dennis Johnson, Praxair

The plan is to hold the 2006 Meeting in September. The venue has not been finalised. 



Mr. Jerrold Sameth, Matheson TriGas



Ms. Margaret Gabriel, Malaysia's Association



Mr. Chris Browning, Thailand's Association



Mr. Eugene Ngai, Air Products



Mr. Tan Guan Joo, Singapore's Association



Mr. Adisorn Ruangdej, Bulk Transportation Work Group

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AIGA 11th Board Meeting and 4th AGM

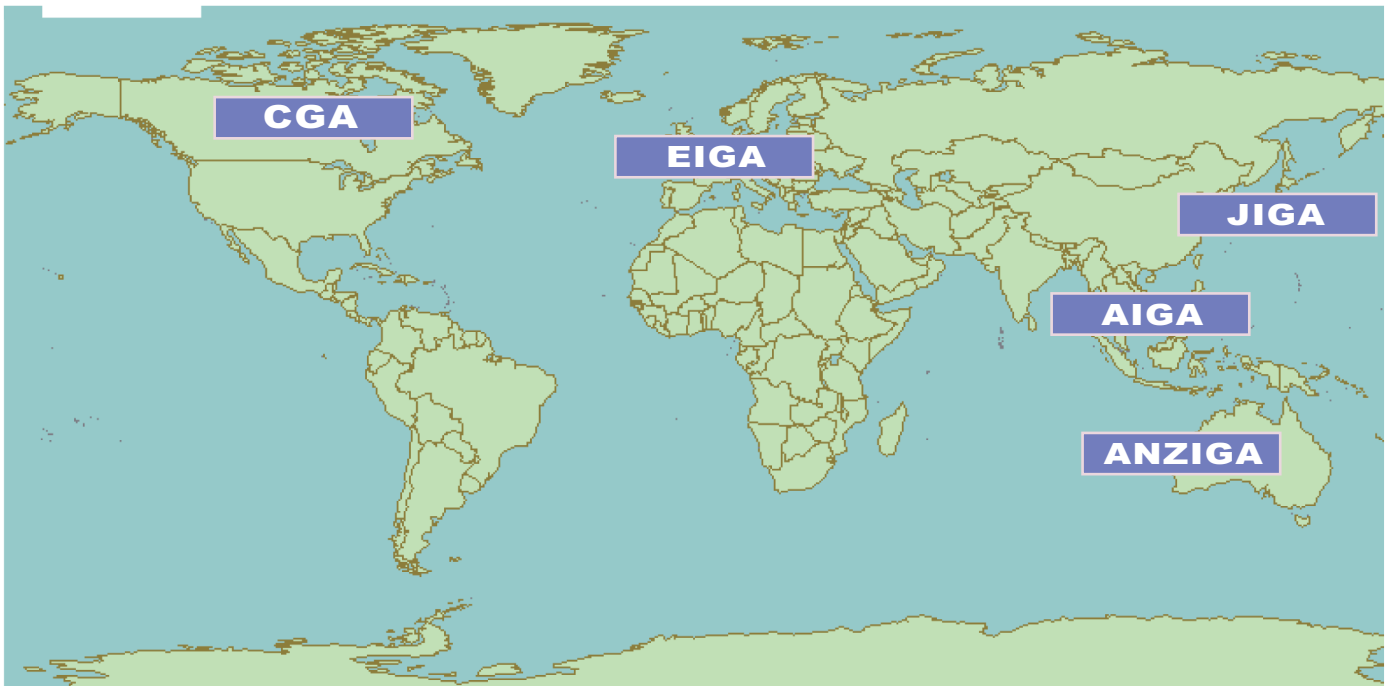
17th International Harmonisation Council (IHC) Meeting

Association of Indonesia Industry Gas Producers 8th Congress Meeting

New Publications

A Look at International Harmonisation in the Gases Industry

The Regional Associations – CGA, EIGA, JIGA, AIGA, ANZIGA



History

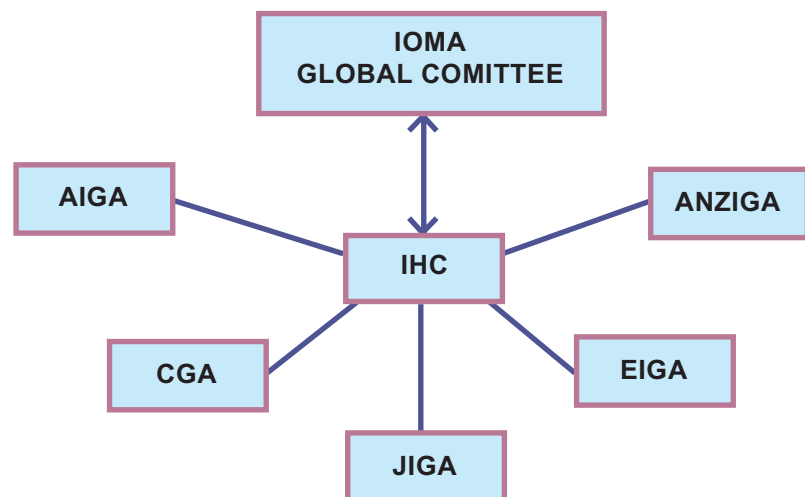
The initiative to look into the global harmonisation of standards for the gases industry started in the late 90 s.

Milestones:

- 1997 - CGA/EIGA Harmonisation Task Force set up.
- 1999 - Renamed International Harmonisation Council (IHC) under the umbrella of IOMA Global Committee
- 2000 - JIGA — member of IHC
- 2003 - AIGA — member of IHC
- 2004 - ANZIGA — member of IHC

Role of Regional Associations

- Currently amongst AIGA, ANZIGA, CGA, EIGA and JIGA.
- To promote consistent standards worldwide.
- Focus on UN Regulations and ISO Standards.
- Co-ordination with National Gas Associations for the implementation of harmonised standards.



Role of National Associations In Harmonisation

- Present / promote / defend agreed industrial gas industry view to national authorities
- Formulate national industry position where variation from international position is required
- Work with national authorities to ensure consistent interpretation of these standards and UN regulations
- Work with national authorities to establish effective and practical national legislation.

Progress

Completed Projects since 2000

International harmonised projects

- Oxygen pipeline systems
- Safe use of alu-structured packing for O2 distillation
- Safe use of BAHX for producing pressurised oxygen
- Safe operation of reboilers/condensers in ASUs
- Code of practice nitrous oxide
- Carbon monoxide and syngas pipeline systems
- Hydrogen transportation pipeline systems

AIGA 11th Board Meeting and 4th AGM

AIGA reached a new milestone with its 4th AGM and 11th Board Meeting on 31 August in Singapore. The meetings were held at the end of the 2-day AIGA 2005 Technical Seminar Meeting, which had attracted over 80 participants from Asia, U.S and Europe.

Representatives from the following associations took the opportunity to attend the AGM this time. They were Frank Finger from the European Industrial Gases Association (EIGA), Lee Soo Yon from the Korea Industrial Gases Safety Association (KIGSA) and Takeo Toyama from the Industrial Gases Association of Singapore (IGAS). AIGA has currently six active national associations from Malaysia, Singapore, Thailand, Indonesia, Korea and

Philippines and a total of 22 members. AIGA also has a Representative Office in Shanghai and is working towards establishing ties with the associations in China, Taiwan as well as in India in the months ahead.

At the AGM, the following were reconfirmed as officers for the term ending 2006:

President: **Mike Huggon** (BOC)

Vice President: **Lee Chun Wah** (Air Liquide)

Secretary: **Murray Covello** (Praxair)

Treasurer: **Robert D. Dixon** (Air Products)

Board Members: **Yoshihiro Kira** (Iwatani), **Mikio Abe** (Taiyo Nippon Sanso), **Helmut Schneider** (Messer),

Narsimha Rao (Yara), **Loke Chong Ngean** (Air Liquide)



17th International Harmonisation Council (IHC) Meeting

The 17th IHC meeting was held in Singapore from September 1-2, 2005. The previous meeting in Asia was in Tokyo in 2003 and was hosted by the Japan Industrial Gases Association.



Members at the 17th IHC meeting in Singapore

The IHC meetings are held twice a year and these precede the IOMA Global Committee meetings which are held at the same intervals, two months later. The IHC report to the Global Committee at these meetings.

A total of sixteen representatives from CGA, EIGA, JIGA and AIGA attended the meeting in Singapore. The coming Spring meeting will be held in March 2006 in the United States.

Some project highlights from the meeting include the following:

(The lead organisations are denoted in suffices after project numbers : E = EIGA, C= CGA, A= AIGA, J= JIGA, AN=ANZIGA)

Open "A" Projects.

These projects are a top priority from a global perspective.

Project No/Lead	Project Title
A-1048-2004-E	Prevention of excess tank pressure during filling
A-1056-2004-E	Safe handling of silane
A-1059-2005-E	Safe handling of fluorine
A-1060-2005-E	Preparation of oxidizing/flammable gas mixtures
A-1061-2005-C	Hydrogen storage requirements

Open "B" Projects.

These are projects where it is of mutual interest to cooperate, but the criteria do not warrant assignment as an "A" project.

Project No/Lead	Project Title
B-1037-2001-E	Personal Protective Equipment (PPE)
B-1055-2004-E	Carbon monoxide and carbon monoxide /carbon dioxide mixtures in steel cylinders.
B-1057-2004-C	Document on oxygen/aluminum compatibility
B-1058-2004-E	Safe Operation of Reboilers/Condensers in Air Separation Units

IHC Completed Documents – Documents published by the lead organization where work continues by other associations intent on adopting a regional version.

Project No - lead	Project Title
A-1012-1999-E	Toxicity of nonmetallics in breathing gas systems
A-1015-2001-C	Installation guide for LOX pumps
B-1018-2001-C	Guide for Cryogenic Air Separation Plants
A-1035-2001-C	Safe use of brazed aluminum heat exchangers
B-1040-2001-C	Liquid Carbon Dioxide containers that have lost pressure
B-1041-2001-C	Carbon Steel Containers for Stationary Carbon Dioxide Storage
A-1042-2002-E	Nitrous oxide code of practice
A-1044-2004-E	Unmanned airgas plants
A-1045-2004-E	Hydrogen pipelines
A-1046-2004-E	Carbon monoxide/syngas pipelines
A-1049-2004-E	Prevention of brittle fracture in cryogenic operations
B-1051-2004-C	Perlite management

Association of Indonesia Industry Gas Producers

8th Congress Meeting and Technical Seminar, Yogyakarta, 29 Nov -1 Dec 2005

The 8th Congress & Meeting was held from 29 November to 1 December 2005. More than 150 delegates from all over Indonesia and Asia converged onto the Hyatt Regency in the beautiful and enchanting city of Yogyakarta.

The Congress was declared opened by the Director General, Industrial Agro & Chemical, Mr. Benny Wachjudi on the morning of 29 November.

This was followed by the keynote address by Dr. Mardjoko of the Indonesian Investment Co-ordinating Board. Dr. Mardjoko discussed the challenges facing investment in the chemical industry in Indonesia.

The rest of the 3-day seminar covered a number of subjects that were of topical interest to participants. These included best practices for operating equipment such as liquid cylinders, cold vaporisation systems, specialty gases

valves, as well as discussion on accident/incident prevention and statistics analyses.

An important part of the event was the Congress meeting session for the association members. At this year's meeting, the association took the opportunity to amend some of the articles in the Constitution.

One particular article that was amended was with respect to requirements for membership in the association. Previously, only gas producers were entitled to be members. With the amendment, gas distributors would also be welcomed to join the association.

AIGA was represented by CN Loke, the Technical Committee chairman and WK Low, Secretary General. They also presented papers on AIGA and the challenges facing safety in the industry in Asia.

The Association Congress meeting is currently scheduled to be held once every 5 years. Given the successful combination of the Congress session together with the technical seminar, the association is looking into shortening the frequency of such meetings.

The organising chairman, Jerison Silitonga said he hoped to get the association to run a scaled down and more focused technical seminar on an annual basis. This will create a more regular forum for the exchange of safety and technical information among association members.

AIGA congratulates the committee for the successful meeting and seminar, and looks forward to support their next meeting, hopefully in 2006.



Members of the executive and organising committees at the 8th Congress.

New Publications

The following new AIGA publications are available on the website: www.asiaiga.org

- AIGA 020/05 — Code of Practice for nitrous oxide
- AIGA 021/05 — Oxygen Pipeline systems
- AIGA 022/05 — Code of Practice for acetylene
- AIGA 023/05 — Good Manufacturing Guide for medical gases
- AIGA 024/05 — Connections for transportable and static bulk storage tanks
- Safety Bulletin 01/05 — Safe use of acetylene

Recent JIGA Publication (English version)

- JIGA-T-S/20/05/E — Guideline for safe operation of reciprocating oxygen compressor

Recent EIGA Publications
www.eiga.org

- Doc 129/05E — Pressure receptacles with blocked or inoperable valves
- Doc 130/05E — Principles for safe handling and distribution of highly toxic gases and mixtures
- Doc 131/05E — External pre-fill inspection of composite cylinders
- Doc 132/05 — Unmanned plant — design and operation
- Doc 133/05E — Cryogenic vaporisation systems — prevention of brittle fracture
- Doc 134/05E — Potential explosive atmospheres
- Doc 135/05E — Environmental auditing guide
- Doc 15/05 E — Gaseous hydrogen stations

