

Transportation Safety

The theme of this year's AIGA 2006 Meeting is Transportation Safety.

The selection of this topic for the technical seminar reflects the concerns and priority of the AIGA Board and Technical Committee.

Statistical reports we have been receiving on a regular basis shows a disturbing trend. In Asia, there are more accidents arising from distribution of gases on the road than on production sites. This pattern is also true in other parts of the world.

The Technical Committee has put together a panel of some of the best experts on transportation safety and they will be in Shanghai on 12 -13 September to share their insights.

Members are urged not to miss this unique opportunity to hear from colleagues in the gas industry on the latest developments on transportation safety.



Loke C.N handing over the baton to Tom Lout (left) See page 2.



Taiwan Association in AIGA

AIIGA welcomes the Taiwan High Pressure Gas Industrial Association which joins as a new member from April this year.

The association is one of the earliest gas associations formed in Asia, and dates back to 1971. It has 83 companies registered as members and includes all the international gas companies. The current chairman is John Miao from BOC Lien Hwa Industrial Gases Co.

The association plays an active role in promoting safety in the industry in Taiwan.

It works closely with the government on regulatory issues and has a forward looking programme called SHAP (Safety and Health Alliance Programme) in which it works jointly with the authorities on better cylinder safety through self management by the industry and harmonisation of regulations with the gas industry worldwide.

One of the very successful initiatives of the association has been the implementation of a unified test-mark for the re-testing of cylinders in Taiwan. With the endorsement of the main association, an independent

entity called the Industrial Gases Association of ROC was formed in 1992 and became the certifying body for the re-testing of cylinders across Taiwan. The contribution of the association is officially recognized by the government. As a result of this programme, the number of certified re-test stations has grown to 32 and the number of cylinders tested under its auspices totaled 1.8 million over a 11-year period.

The association has also taken the lead in translating various standards in English to Chinese for the local industry.

Transitions

AIGA

- Mikio Abe, Taiyo Nippon Sanso (TNS), will retire from the AIGA Board. Abe-san has been with the AIGA Board since its inception. Abe-san, who was the Senior Managing Director in TNS, takes up a new appointment as the Executive Managing Director at the Japan Industrial Gases Association from June 2006. He replaces Michio Ozu. AIGA congratulates Abe-san on his new appointment.
His successor from TNS on the AIGA Board is Masashi Yamashita. Yamashita-san has been a regular face at our AIGA meetings and other regional association meetings and is an active supporter of the harmonization movement.
- Tom Lout, Praxair, assumed the position of chairman of the Technical Committee in March 2006. He replaced Loke Chong Ngean, Air Liquide, who has served as the chairman since its inception in 2002. Tom is the Director, S & ES and Operations for Praxair Asia and he is currently based in Thailand. However, C.N is not about to totally exit from the scene. He takes over the chair of the Safety Advisory Group from Tom.
- Ken Kouji Ikoma, TNS, succeeded Howard Evans, BOC, to the position of vice-chairman of the Technical Committee, also in March 2006. Ken is currently the General Manager, Technology/Research & Development Division at TNS.
- AIGA's Technical Committee will be losing one of its 'old guards' when Howard Evans retires from BOC in October this year. We wish him happy retirement.

Member associations in Asia

- Shigeto Umatani succeeded Takeo Toyama (both from National Oxygen Limited), as the President of the Industrial Gases Association of Singapore at the Board meeting in May.
- Christopher Browning, BOC, will leave the Siam Industrial Gases Association as chairman in July as a result of his re-assignment in BOC.

- Dennis Jordan takes over as the Technical Committee chairman from Manny Rubio (both from CIGI) in the Confederation of Philippines Gas Industries Inc.
- The Taiwan High Pressure Gas Industrial Association held elections for their Technical Committee in May. Frank Chou (BOC Lien Hwa) was confirmed as the chairman, Lin Yi-Yi (Air Products San Fu) as first vice-chairman and Henry Liu (Air Liquide Far East) as second vice-chairman.
- At the Korea Industrial Gases Safety Association (KIGSA), new officers for 2006 were confirmed in February as follows: Son Moo-Ryung, President of Daesung Industrial Gases (DIG), as President, Lee Moong-Soon (DIG) for General Affairs and Lee Jong-Suk (DIG) for Technical Affairs.

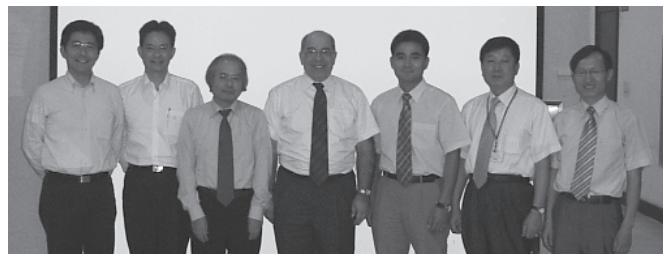
Regional associations

- Marc Meteyer succeeded Carl Johnson as president of CGA.
- Joseph Fabbraio succeeded Vincent Moreau as executive director at ANZIGA.

Electronic Specialty Gases Work Group in Korea

The ESG Work Group held their first meeting in Seoul on 14 June. Daesung Industrial Gases, on behalf of KIGSA, hosted the meeting at their office.

Technical committee members in KIGSA participated in the meeting.



From left: Lai Poon Piau, Andy Chuang, Ken Ikoma, Jerrold Sameth, T.C. Kim (Praxair, Korea /SG Production Team), Y.N. Lee (Daesung Industrial Gases, Korea/Production & Safety Manager), T.S. Kim (Songwon Edwards, Korea/SHEQ Manager)

New Publications

New AIGA publications

www.asiaiga.org

- AIGA 025/06 – Pressure receptacles with blocked or inoperable valves
- AIGA 026/06 – Principles for safe handling & distribution of highly toxic gases & mixtures
- AIGA 027/06 – Cryogenic vaporization systems – prevention of brittle fracture of equipment & pipings
- AIGA 028/06 – Unmanned air gas plants – design & operation
- AIGA 029/06 – Code of Practice for nitrogen trifluoride
- Training Package TP 06/06 – Work permit system
- Safety Bulletin 02/06 – Avian influenza

Recent EIGA publications

www.eiga.org

Revised documents:

- IGC 05/06 – Guidelines for management of waste acetylene cylinders
- IGC 33/06 – Cleaning of equipment for oxygen service
- IGC 52/06 – Load securing of class 2 receptacles
- IGC 65/06 – Safe operations of reboilers-condensers in air separation units
- EIGA 701/06 (harmonised) – Safe use of aluminum structured packing for oxygen distillation

New document:

- EIGA 705/06 – Installation guide for stationary electrically driven centrifugal liquid oxygen pumps

1st Silane Safety Seminar in Asia – 18 September, Taiwan

AIGA is working with the THPGIA and two government agencies in Taiwan to organize the first Silane Safety Seminar in Asia on 18 September at the Hsinchu Park, Taiwan.

The authorities in Taiwan are taking a very keen interest in this project and have rendered their full support to make this a significant safety event for the gas industry in Taiwan. The Industrial Development Bureau and the Council of Labour Affairs are helping to sponsor part of the cost of the seminar as a result of which the registration fee is set at a very nominal level.

The seminar is opened to all users of silane particularly those in the high tech parks in Hsinchu and Tainan. A number of overseas participants are also expected to register. The organizers are expecting a large turn-out on the day to fill the 400-capacity auditorium at ITRI (Industrial Technology and Research Institute).

Credit goes to the Electronic Specialty Gases Work Group in AIGA for initiating this project and for putting together the panel of eminent speakers for the event.

Photo: L. Gerver, Air Products

Programme and Presentations' highlights

8:00 – 8:30	Registration	
8:30 – 8:40	Welcome	AIGA, CLA, IDB, THPGIA
8:40 – 8:50	Introduction	Eugene Ngai, Seminar chairman
8:50 – 9:40	Silane release testing studies	Dr. Franco Tamanini
9:40 – 10:10	CGA Silane bulk release testing	Roger A. Smith
10:10 – 10:30	Tea Break	
10:30 – 11:00	Silane cylinder valves	Jerrold Sameth
11:00 – 11:30	Poly & Epi reactor silicon byproduct incidents	John O'Hehir
11:30 – 12:00	Cleanroom fire protection and NFPA-318	Al Brown
12:00 – 12:15	Morning session Q & A	Chairman: Eugene Ngai
12:15 – 13:30	Lunch	
13:30 – 14:00	Unique silane emergency response issues	Eugene Ngai/Kelvin Huang
14:00 – 14:30	Gas cabinet/VMB design	Jean-Paul Barbier
14:30 – 15:00	Silane cylinder storage and management	Kazuya Inoue
15:00 – 15:15	Tea Break	
15:15 – 15:45	Design of bulk containers	Megan Kujawa
15:45 – 16:15	CGA G-13 Silane	Dave Tolejko
16:15 – 16:45	Quantified risk assessments of silane systems	James VanOmmeren
16:45 – 17:00	Afternoon session Q & A	Chairman: Eugene Ngai

Jointly organised by:



Asia Industrial
Gases Association



Council of Labor Affairs
Executive Yuan

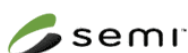


Industry Development
Bureau, Ministry
of Economic Affairs



Taiwan High Pressure
Gas Industrial Association

In cooperation with:



Compressed Gas Association

For registration, contact: ITRI E-mail: tinyichi@itri.org.tw

AIGA 2006 Meeting Transportation Safety

Holiday Inn Pudong, Shanghai, 12 & 13 September 2006



This year's symposium (one-and-a-half days) will focus on the various aspects of safety in both bulk and cylinder gas transportation. Experts from our member companies will be making presentations as well as conduct in-depth workshop sessions to help participants appreciate the key issues.

AIGA Transportation and Safety Work Groups will present new AIGA publications on transportation and safety on the second day.



Leading experts will speak on:

- *Transportation safety basics*
- *Accident investigation/road vehicle recovery*
- *Rollover accidents*
- *Professional drivers' certification programme*
- *Vertical cylinder handling transportation*
- *Defensive driving*

Who should attend ?

- *Transport and logistics managers, supervisors*
- *Safety personnel*
- *Sales managers*
- *Regulatory and government officials*

For registration please contact:

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For China participants please contact:

AIGA China Representative Office E-mail: liu_yumei@263.net

New AIGA documents on transportation safety

In conjunction with the 2006 meeting, the Technical Committee has planned to release a set of new AIGA documents on the subject. These are the effort of the Transportation Work Groups A and B. They comprise works that are both adapted from the EIGA documents and from other resources. Subjects covered are:

- Vertical cylinder handling transportation
- Defensive driving
- Loading procedure for bulk gas transfers
- Road transportation emergency preparedness

19th International Harmonisation Council meeting

Once again, AIGA is delighted to host the 19th IHC Meeting in Shanghai on 14 and 15 September this year. Asia has seen the rapid growth of the gas industry in recent years and it is important that the companies in Asia do not lose sight of the importance of maintaining a high standard of safety for the industry.

Welcome to all delegates and we look forward to a successful meeting.

