

# Gas Safety Seminars

## Association of Gas Industries, Indonesia (AGII)

**T**he AGII successfully organized three safety seminars for its members and many of the small filling operators and distributors in Indonesia recently.

AGII planned a total of three seminars to cover the major regions in Indonesia, namely, Jakarta, Surabaya (East Java) and Medan (Sumatra). The first seminar was held in the capital city on 27 January 2008. About 150 participants attended the one-day seminar.

The second, repeat event was held in Surabaya to reach out to East Java region and about 100 participants attended the meeting on 27 March.

The last of the seminars in Medan on the Sumatra island was held on 10 May.

The theme of the one-day seminar was based on top priority issues that had been identified at AIGA Meetings.

These presentations covered:

- (i) Filling of cryogenic liquids into storage tanks – by AP
- (ii) Road Transport Safety – by AL
- (iii) Safe handling of cylinders – by Linde
- (iv) Safety in filling stations – by Samator
- (v) Overview of accidents in the Industrial Gas industry – by Iwatani


Bing Soekianto, a senior technical member of the Indonesia gas industry for many years, represented AGII

chairman Arief Harsono at the seminars to give the opening and closing addresses.

The organizing committee comprising members of the Technical Committee was headed by Agus Purnomo, secretary general for the Association.



*Bing Soekianto delivering the opening address*

The response from the industry was encouraging. AIGA will be working closely with AGII to plan for similar seminars in the future, to share knowledge and expertise on safety for the industry in Indonesia. 



*Speakers in Surabaya taking in questions*

## AIGA 2008 Meeting

AIGA will bring the message for better product vehicle safety to the Asian audience this year with the theme Product Vehicle Safety and Accident Prevention for this year's AIGA Meeting.

This important aspect of road transport safety will be presented over a two-day comprehensive programme that will comprise presentations and workshops.

The programme will be structured under four core areas:

- Skills and competencies
- Behavioral safety – for management and drivers
- Truck and product tankers equipment
- Environmental factors affecting drivers' safety

The venue will be the Sheraton Hotel Subang in Kuala Lumpur, Malaysia. The meeting is scheduled on 26 – 27 August 2008.

### Who should attend this seminar?

Although AIGA had organized a seminar on Transportation Safety two years ago, this coming seminar is not a repeat event. It will cover the specific area of product vehicle safety.

Distribution chain personnel from management to supervisors as well as safety personnel should not miss out on this event. The event is also open to non-members who are involved in the gas industry.

Registration will start in May 2008.

**More Programme Information on page 4**

# ASSOCIATIONS UPDATE

## SIGA elects new chairman

At the annual meeting of Siam Industrial Gases Association (SIGA) held on 20 March 2008, an election was held for the new management committee. Theera Sayamipakdi (Linde), who had been associated with SIGA from its inception, stepped down as the chairman.

The SIGA Board by consensus vote elected David Shaw (Linde) as its new chairman.

Also stepping down from the Board was Kittiprapasuchart who retired

from Praxair (Thailand) in March. Khun Kitti was the Managing Director of Praxair (Thailand).



*Khun Theera handing over the chair to David Shaw*

## MIGMA's new chairman



*Wong Siew Yap*

Over at the Malaysian Industrial Gases Manufacturing Association, Sam Peterson stepped down as its chairman. The MIGMA Board unanimously elected S.Y. Wong to assume the chairmanship at its Board Meeting on 12 March.

S.Y. Wong is heading MOX (Linde) in Malaysia.

MIGMA will be co-organizing this year's AIGA 2008 Meeting in Kuala Lumpur.

## China Representative Office

At the Steering Committee of the AIGA China Representative Office in Shanghai, incumbent chairman C.S. Tay (Linde Group, China) will hand over his role to Remi

Charachon (Air Liquide, China) in June 2008. C. S. Tay has been leading the group as chairman for the last two years.

Remi is the managing director of Air Liquide China.

## IHC Update

The 22<sup>nd</sup> International Harmonisation Council (IHC) Meeting was held in Florida on 19-20 March, 2008.

The IHC comprises representatives from the regional associations, CGA (USA), EIGA (Europe), AIGA (Asia) and JIMGA (Japan), and seeks to harmonize standards for the gas industry globally.

At the Florida Meeting, the IHC welcomed on board new members Andrew Webb (EIGA), Eric Fortuit (EIGA) and Richard Kenny (CGA). Andrew replaces Herman Puype who retired earlier this year and Eric is the new IGC chairman in EIGA. Richard replaces Gary Prezbindowski from the Standards Council in CGA this year.

A number of issues relating to the processes for harmonization work were discussed.

New projects introduced at this meeting were:

- Safe handling of electronic specialty gases – a joint AIGA- JIMGA lead project
- Corrosion on hoop wrapped cylinders EIGA document 72/06
- Fire hazard of oxygen and oxygen enriched atmospheres, EIGA document 04/00

These will be submitted at the Global Committee meeting in May 2008. Two other projects were proposed for future consideration: SB-2 and IGC 44/00 on oxygen deficient atmospheres and danger of inert gases; and underground storage of hydrogen and safe operation of hydrogen plants.

The next IHC Meeting will be held in Osaka, Japan on 21-22 August 2008. JIMGA will host the meeting.

## Taiwan High Pressure Gas Industrial Association (THPGIA)

The THPGIA has started forming new Work Groups for Specialty Gases and Medical Gases.

The electronic industry in Taiwan is one of the largest in the world and it is a very timely development for the association to initiate a focus group in this area.

The association is also pro-active in forming the second focus group for medical gases, as regulations are in the pipeline to eventually require medical gases to be controlled as pharmaceutical products in the country.

# New publications

## Recently published AIGA documents

- AIGA 045/07 – Gaseous hydrogen stations
- AIGA 046/08 – Periodic inspection of static cryogenic vessels

## Other AIGA documents proposed for publication in 2008

- AIGA 020/08 CP Nitrous Oxide
- Prevention of excessive pressure in cryo tank during filling (EIGA 59/08)
- Safe preparation of gas mixtures (EIGA 39/07)
- Safe handling of silane (CGA G-13)
- Safe handling of compressed fluorine and inert gas mixtures (EIGA 140/07)

- Preparation of oxidizing/flammable mixtures (EIGA 139/07)
- Reciprocating oxygen compressors (EIGA 10/07)
- Recommendations for safe filling of carbon dioxide cylinders (EIGA 83/02)
- Reciprocating oxygen compressors (EIGA 10/07)
- Guide for cryogenic air separation units (CGA P-8)
- Safe use of brazed aluminum heat exchangers (CGA G 4.9)
- PSA & membrane oxygen and nitrogen generators (CGA P 8.1)
- Installation guide for centrifugal liquid oxygen pumps (CGA G 4.7)
- Code of practice – Arsine
- Code of practice – Phosphine

## New EIGA documents

EIGA has issued several new and revised documents this year.

A number of them are documents re-issued under the new **Globally Harmonized Document** format agreed upon under the International Harmonization Council.

- IGC 143/08 – Major hazards
- IGC 143/08 – Guide to lime applications
- IGC 150/08 – Code of practice, dry ice

### Globally harmonized documents:

- IGC 144/08 – Safe use of aluminum structured packings for oxygen distillation
- IGC 145/08 – Safe use of brazed aluminum heat exchangers for producing pressurized oxygen

- IGC 146/08 – Perlite management
- IGC 147/08 – Safe practices guide for cryogenic air separation units
- IGC 148/08 – Installation guide for stationary electric motor driven centrifugal liquid oxygen pumps
- IGC 149/08 – Safe installation and operation of PSA & membrane oxygen and nitrogen generators

### New EIGA web link

- EIGA has migrated to a new internet address since the beginning of 2008.
- The new link is [www.eiga.eu](http://www.eiga.eu), a registration under the European domain. (Users will still be able to use the old URL for the time being.)

## AIGA Work Group Members, 2008

Work Groups	Technical Committee	Safety Advisory Group	Medical Gases	Packaged Gases WG	Electronic Specialty Gases WG	Transportation WG(A) - Packaged Gases	Transportation WG(B) Bulk/ Drivers' Safety
<b>Air Liquide</b>	LOKE Chong Ngean	LOKE Chong Ngean		<b>George ONG</b>	Margaret ANG	B. DHAINAUT	Somsak SRICHANTR
<b>Air Products</b>	James LUCAS	HUANG Chin Hwa/ BRENDA	Ernest KHOO	<b>James LUCAS/ ANG Lee San</b>	Andy CHUANG/ Eugene NGAI	Frank YU	Weerachit SIRIKUL
<b>Linde Group</b>	Vincent MOREAU	Yousuf MIRZA	<b>Vincent MOREAU/ Vincent LAI/Kasien Laiyakosit</b>	Wichit Sophitanontrat	LEI Hai Ping	Connie PAN	Nattawud JANTEB
<b>Iwatani</b>	SOEHADI	SOEHADI					
<b>Messer China</b>	DU Pu	DU Pu				<b>DU Pu</b>	
<b>Taiyo Nippon Sanso</b>	Ken K IKOMA	Ken K IKOMA	Ichirou NAKAYAMA	Charles LAW	<b>Ken K IKOMA/ Jerrold Sameth</b>	WANG Zhou	K. PONGTHEP
<b>Praxair</b>	<b>Tom LOUT</b>	Tom LOUT		Milan SARKAR	Ison LIN	HOU XiSheng	<b>T.LOUT/Adisorn RUANGDEJ</b>





# AIGA 2008 Meeting

## Product Vehicle Safety and Accident Prevention

Sheraton Subang Hotel, Kuala Lumpur



### Programme Highlights

#### Day 1 – 26 August 2008

- |                      |   |
|----------------------|---|
| <b>Presentations</b> | <ul style="list-style-type: none"> <li>● Learning from past incidents – Overview of recent major transport incidents</li> <li>● Behavioral Safety Management for Road Transportation</li> <li>● Skills &amp; Competence: Defensive Driving Techniques</li> <li>● Skills &amp; Competence: Drivers' Training and Certification Programmes</li> <li>● Skills &amp; Competence: Best practices in recruitment for contract and in-house drivers</li> </ul> |
|----------------------|---|

- |                  |  |
|------------------|--|
| <b>Workshops</b> | <ul style="list-style-type: none"> <li>● Behavioral safety for supervisors and drivers</li> <li>● Skills &amp; Competence: Rollover prevention, fatigue, and fitness on the job</li> </ul> |
|------------------|--|

#### Day 2 – 27 August 2008

- |                      |  |
|----------------------|--|
| <b>Presentations</b> | <ul style="list-style-type: none"> <li>● Good Practices in Road Transport Safety – Perspective from Japan</li> <li>● Advanced vehicle safety control – Application and users' experience</li> <li>● Road tanker design for better safety</li> <li>● Safe transportation of packaged gases on vehicles</li> </ul> |
|----------------------|--|

- |                  |  |
|------------------|--|
| <b>Workshops</b> | <ul style="list-style-type: none"> <li>● Developing a safety management programme (e.g. speed control, use of cell phones, safety belts, fatigue management, performance monitoring)</li> <li>● Vertical cylinder handling and delivery</li> <li>● Training Packages</li> <li>● The Driving Environment: Issues and Solutions</li> </ul> |
|------------------|--|

