

Inaugural meeting of Gas Industries Association, India

Linde, Air Liquide, Inox AP and Praxair in India have successfully registered a new association in the city of Mumbai after many months of working on the idea.

The association was registered officially by the authorities in February this year. The inaugural meeting was held on 18 May 2007. Raj Narayanan (Linde) was elected President at the meeting.

The new association will share the mission and vision of AIGA – to advance safety and technical standards for the gas industry in India.

Now that the association is a reality, the founding members on the management board will be looking into appointing a full time secretariat to co-ordinate its activities.



Board members, L – R: John Panikar (Praxair), Raj Narayanan (Linde) – President, Rajeshwar Rao (AL), Siddharth Jain (Inox AP) at the inaugural meeting.

2007 Silane Safety Seminar in Singapore


Use of silane, a highly flammable gas, by the IC and LCD manufacturers in Asia has grown dramatically in the last few years. The **Asia Industrial Gases Association** has recognized the need to continue educating end-users in the handling of silane to avoid accidents in the industry.

AIGA is planning to organize its 2nd Silane Safety Seminar on 1-2 November 2007 in Singapore. A comprehensive programme focusing on safe handling of silane is being drawn up for the event.

The seminar will comprise formal presentations and workshops by leading authorities over 1½ days.

The seminar will target end-users, both from within the gas and the IC and LCD industries in South East Asia. An interesting programme is being developed that will motivate users in other countries to register as well.

The event will be held at the Conference hall of the new Singapore Management University in downtown Singapore. This facility is purpose built for lectures and is well suited for the planned conference.

Registration will start in **August 2007**. Watch for the update in the **AIGANEWS** or contact aigasec@singnet.com.sg for information. 

New standards approved by AIGA Board

At the recent AIGA Board meeting on 21 May 2007, the Board gave approval for the following documents to be published. These documents, based on EIGA standards, will be released in the next couple of months.

- AIGA 043/07 Transportation Security
- AIGA 044/07 - Flexible connections in high pressure gas systems
- AIGA 045/07 - Recommendations for safe filling of CO₂ cylinders
- AIGA 046/07 – Disposal of gases
- AIGA 047/07 – Use of Personal Protective Equipment
- AIGA 048/07- Gaseous hydrogen stations
- AIGA Position Paper PP-02 – Cylinder ownership
- AIGA 003/07 – Site Security (update of AIGA document AIGA 003/04)

Joint JIGA-AIGA team starts work on Arsine Project

The JIGA-AIGA joint task force formed under the International Harmonisation Council (IHC) to prepare a code of practice for arsine held its first meeting in Tokyo on 24-25 April, 2007.


Team members on this project are:

From JIGA – *Scott Hasaka* (Taiyo Nippon Sanso), *Hank Masuda* (JIGA), *Ryota Tada* (Takachiho Chemical), *Ichirou Nakayama* (Taiyo Nippon Sanso) and *Jerrold Sameth* (Matheson Tri-Gas, TNS), *Koji Maruko* (JAG) and *Hatahiko Fukushima* (JIGA), From AIGA – *Ken Ikoma* (Taiyo Nippon Sanso), *Andy Chuang* (APCI), *Eugene Ngai* (APCI), *Lei Hai Ping* (Linde) and *Ison Lin* (Praxair).

Collaboration between the regional associations under the auspices of the IHC to develop new standards is seen as the way forward to achieve truly global standards for the industry. Such joint collaboration between regional associations has evolved since the establishment of the IHC in 1999.



L-R : Andy Chuang (AP), Jerrold Sameth (Matheson Tri-Gas), Eugene Ngai (AP), Scott Hasaka (TNS), Hank Masuda (JIGA), Ryota Tada (Takachiho Chemical), Ichirou Nakayama (TNS), Ken Ikoma (TNS), Lei Hai Ping (Linde).


The joint task force is scheduling four meetings to complete the projects on arsine as well as phosphine by mid-2008. The second meeting is scheduled on 18-19 July in Taiwan. 

China Steering Committee gives recognition to Technical Committee members

At the recently held AIGA China Steering Committee meeting in Shanghai on 21 May, the chairman, C.S. Tay thanked the four Technical Committee members who have actively contributed to the work by AIGA to promote

better standards for the industry in China. Each of them was presented with a certificate of appreciation from the China Steering Committee.

The four recipients are Tony Rivera (Messer China), Hou XiSheng (Praxair), Frank Yu (AP) and Rodney Midgley (AL). Of the four, Tony and Rodney have since moved on to Vietnam and South Africa respectively.

The China Steering Committee hopes to recognize more deserving people in the future. 



(Top) L-R : T.Yahata (Iwatani China), Wang Zhou (Shanghai TNS), Frank Yu (AP), Liu YuMei (AIGA Rep. Office), M. Klapper (Messer China), Hou XiSheng (Praxair)-chairman, TC, B. Dhainaut (AL), N. Deuker (Linde), Derong Zhou (AL), S. Yasumi (Iwatani International)

(Right) C.S. Tay (chairman, China Steering Committee) presenting certificate of appreciation to Hou XiSheng (chairman, China TC)



AIGA 2007 Meeting Announcement

This year's annual meeting in Pattaya with the theme "Packaged Gases Safety" promises to be another fruitful event for all participants.


Packaged gases is a core activity for all the gas companies in Asia and the smaller distributors in particular.

For this reason, AIGA is inviting all distributors (including non-members) to avail themselves of the opportunity to learn about the best practices from the industry experts at this meeting.

Leading authorities in the industry will address various safety issues of packaged gases. The programme details are on page 4.

The programme is structured to encourage more in-depth understanding of the subjects by the participants. This is achieved through additional workshop sessions where time is set aside for interactions between the speakers and the participants, to reinforce their understanding of the topics presented earlier.

All gas producers and distributors are welcome to register for the meeting alongside AIGA members.

The **Siam Industrial Gases Association** is supporting the event and will co-ordinate the registration for the local participants in Thailand. All other participants should register with the AIGA office in Singapore. 

Packaged Gases Safety

Design, Filling, Handling & Re-qualification

Amari Orchid Resort, Pattaya, 30-31 August 2007



Leading experts from the gas industry will address:

- ISO cylinders – design & qualification
- Assessing cylinder fitness for filling
- Safe design & operation of packaged gases
- Cylinder filling stations
- Learning from incidents
- ... Plus Workshops



Who should attend?

- Technical, operations managers & supervisors
- Safety and compliance personnel
- Sales and marketing personnel

For more information:

Visit AIGA website www.asiaiga.org
Or contact aigasec@singnet.com.sg

2007 MEETING PROGRAMME

Packaged Gases Safety

Amari Orchid Resort, Pattaya

DAY 1 : 30 August 2007

8:00 – 8:30	Registration
8:30 – 9:00	Welcome and introductions - AIGA President, TC Chairman, Special Guest
9:00 – 9:30	Learning from gas cylinder incidents - <i>Andrew Webb</i> (Air Products)
9:30 – 10:00	Assessing fitness for service for gas cylinders - <i>Shaun Lagrange</i> (Praxair)
10:00 – 10:20	Morning break
10:20 – 11:10	Safe handling of cylinders - <i>Ashley Mills & Wichit Sophitanontrat</i> (Linde)
11:10 – 11:40	Safe cylinder package design - <i>David Birch</i> (Linde)
11:40 – 12:10	Cylinder filling – Safe design and operation - <i>Shaun Lagrange</i> (Praxair)
12:10 – 13:40	Lunch break
13:40 – 14:40	Workshop 1 Assessing fitness for service for gas cylinders - <i>Shaun Lagrange</i> (Praxair)
14:40 – 15:40	Workshop 2 Handling of cylinders and safe package design - <i>Ashley Mills/ Wichit Sophitanontrat & David Birch</i> (Linde)
15:40 – 16:00	Afternoon break
16:00 – 17:00	Workshop 3 Cylinder filling – Safe design and operation - <i>Shaun Lagrange</i> (Praxair)
19:00 – 21:00	Dinner for participants (off site)

DAY 2 : 31 August 2007

8:30 – 8:40	Welcome – TC/SAG chairman
8:40 – 9:10	ISO cylinders – Design and manufacture - <i>Herve Barthelemy</i> (Air Liquide)
9:10 – 9:40	ISO cylinders – Re-qualification - <i>Herve Barthelemy</i> (Air Liquide)
9:40 – 10:00	Morning break
10:00 – 10:45	Cylinder valve connections (i) Best practices in differentiating between gases and other valve to cylinder issues - <i>Jerrold Sameth</i> (Taiyo Nippon Sanso) (ii) Thailand's experience in implementation of cylinder valve differentiation - (Siam Industrial Gases Association)
10:45 – 11:15	Filling of CO2 cylinders - <i>Tatchai Sestakij</i> (Praxair) - Overview of the EIGA document 83/02 "Recommendations for safe filling of CO2 cylinders and bundles", to be adopted by AIGA
11:15 – 11:45	Comments & closing – TC chairman

