

Seminars 2010

The plans for year 2010 to work with the national associations and bring the technical seminars closer to the local participants of the countries are progressing well.

AIGA expect to hold 5 seminars in the second half of 2010. All these seminars will be organized jointly with the national associations in 5 countries.

The first one on the Medical Gases Safety in Thailand was scheduled in the first half of 2010 but had to be postponed unfortunately, to a later date to be set due to the events in Bangkok.

There will be two Acetylene safety seminars: one in Jakarta, Indonesia on 5 July 2010 and one in Kuala Lumpur, Malaysia on 14 October 2010.

Two Electronic Specialty Gases safety seminars will be held in September. The first will be in Taipei on 9 September to be followed by the second in the following week on 14 September in Seoul.

A mix of local and overseas speakers will be presenting at the seminars; it is notable to see an increased number of speakers from the Asian member companies.

Programme outlines are on inside pages.

Although these seminars are mainly targeted at the local participants, overseas participants are welcome.

Please contact the Secretary General for registration information.

New faces in AIGA Work Groups



Ken (left) at work during a ESG Work Group Meeting

Several changes have taken place in the Work Groups since the beginning of 2010. The new line-up is shown on page 3.

At the Technical Committee (TC) level, one of our pioneer members, Ken Ikoma (TNS) is leaving after 7 years. Ken is the vice chairman of the TC, a member in the Safety Advisory Group and has also sponsored and chaired the Electronic Specialty Gases Work Group. He has served AIGA

as a representative on the International Harmonization Council which is part of our external liaison with the regional associations.

Ken has been closely associated with the international harmonization activities from the early beginning in AIGA. AIGA wish to acknowledge his many contributions to the technical work in AIGA. As the TC chairman Tom Lout says, it will not be easy to find another person to fill Ken's shoes.

Another TC member who has left is Soehadi. Soehadi retired from P.T. Iwatani Industrial Gas Indonesia at the end of April 2010. AIGA wish him a happy retirement.

Yousuf Mirza on the SAG will also be missed for his contributions and openness.

We welcome on board the new members who have replaced their predecessors : Gary Choo (TC) , Muhammad Dani (TC & SAG), Thomas Rubbert (SAG), Wichit Sophitanontrat (SAG), and Charles Law (SAG)

Publications

New Publications

Globally Harmonized documents:

- i) AIGA 018/10 Safe handling of ESG gases (revised as a globally harmonized document by AIGA-JIMGA)
- ii) AIGA 67/10 Safe location of oxygen and inert gas vents (globally harmonized)

Non-Globally Harmonized documents:

- iii) AIGA Safety Bulletin 06/10 - Safe handling of compressed gases in the laboratory and plant
- iv) AIGA 66/10 Selection of personal protective equipment (globally harmonized)

Revised AIGA documents

- AIGA 006/10 Good environmental management guide for the gas industry (globally harmonized)

SEMINAR PROGRAMMES

2010 ESG SAFETY Seminar, Taiwan

**National Taipei University of Technology (1, Section 3, ChungHsiao East Road, Taipei)
9 September 2010**

Speakers

Registration and Opening

- 1 An overview of past incidents and lessons learned
- 2 **Overview** of Gas Delivery safety issues
Sub atmospheric gas delivery system (1)
- Generator/Ionic liquid system
- 3 Sub atmospheric gas delivery system(2)
- 'Uptime' mechanical solution
- 4 Sub atmospheric gas delivery system(3)
- 'SDS' adsorption gas delivery solution

Kazuya Inoue (Linde)
HokTsan Lam (Praxair)
Greg Shuttleworth (Linde)

HokTsan Lam (Praxair)

Stuart Muller (Matheson Tri-gas)

Panel Summary by 3 speakers

(Lunch Break)

- 5 Chlorine -- storage, transportation, handling safety
and emergency response
- 6 Safe handling of Arsine and Phosphine
- 7 Ignition behavior of silane release in air
- 8 Bulk specialty gas system(BSGS) focus on Ammonia
- 9 Silane--Managing safety & reliability in supply
- 10 Closing

Kelvin Huang
(Air Products San Fu, Taiwan)
Jerrold Sameth (Matheson Tri Gas)
Jason Chen, (Kaohsiung First
Technology University, Taiwan)
HokTsan Lam(Praxair)
Denis Rufin(Air Liquide)

2010 ESG SAFETY Seminar, Korea

**Seoul
14 September 2010**

Speakers

Registration & Opening

- 1 An overview of past incidents and lessons learned
- 2 **Overview** of Gas Delivery safety issues
Sub atmospheric gas delivery system (1)
- Generator/Ionic liquid system
- 3 Sub atmospheric gas delivery system(2)
- 'Uptime' mechanical solution
- 4 Sub atmospheric gas delivery system(3)
- 'SDS' adsorption gas delivery solution

Kazuya Inoue (Linde)
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Greg Shuttleworth (Linde)

HokTsan Lam (Praxair)

Stuart Muller (Matheson Tri-gas)

Panel Summary by 3 speakers

(Lunch Break)

- 5 Silane -- Storage, transportation, handling safety
and emergency response
- 6 Bulk specialty gas system (BSGS) - focus on ammonia
- 7 Silane - Managing safety and reliability in supplying silane
from production to end-users
- 8 Safe handling of arsine and phosphine
- 9 Gas Abatement system for electronic specialty gases
- 10 Closing

Kim, Young-Soo (Air Products
Korea)
HokTsan Lam (Praxair)
Denis Rufin (Air Liquide)

Jerrold Sameth (Matheson Tri-gas)
Choo Kwang-Ho (Air Products,
Korea)

Acetylene Safety Seminar, Malaysia 2010

PROGRAMME

Kuala Lumpur, 14 October 2010

Topic

1. Learning from Acetylene Incidents
2. Safety topic by Department of Occupational Safety and Health (Malaysia)
3. Preventing accidents through better gas welding knowledge
4. Safe Handling of cylinders, including transport
5. Emergency response for acetylene cylinder fire/incidents
6. Safety features of acetylene cylinders and bundles
7. On site customer pipeline installations requirements and safety

Speakers


Vincent Moreau(Linde)
DOSH (Malaysia)
Charles Gobi (MOX-Linde)
Jim Lucas (Air Products)
Vincent Moreau(Linde)
Ernest Khoo (Air Products)
Yong Niam Pyng(MOX-Linde)

New Sustainable Development ad-hoc team

At the initiative of the Board, the Technical Committee has started to get an ad-hoc work team together to address issues related to environmental ‘Sustainable Development’.

This ad-hoc group will bring together six members who are engaged in this area of activity in their respective companies. Mike Shannon (Praxair) will chair this group,

with members Roger Jiang (AL), Joey Chen (AP), Lam Pui Kay (Linde), Rhoda Zhang (Messer China) and Bill Zhou (Praxair). They are based in China, Taiwan and Hong Kong.

The team is drawing up their terms of reference and will also be in liaison with their counterparts in CGA, EIGA and JIMGA. 

AIGA Technical Committee & Work Groups 2010

Work Groups	Technical Committee	Safety Advisory Group	Medical Gases WG	Packaged Gases WG	Electronic Specialty Gases WG	Transportation WG(A) - Packaged Gases WG	Transportation WG(B) Bulk/ Drivers Safety WG
Air Liquide	LOKE Chong Ngean	LOKE Chong Ngean	<i>CN Loke (liaison)</i>	LIM Boon Sung	Margaret ANG	LIU Lin	Vera JARUGARUNA
Air Products	James LUCAS	Brenda OVERTON	Ernest KHOO	James LUCAS/ Thomas LIM	LEE Jin-Sup	To be nominated	Weerachit SIRIKUL / Amorn JUNGSKUL
Linde Gas Asia	Vincent MOREAU	Wichit SoPHITA-NONTRA	Vincent MOREAU/ Vincent LAI	VUTUKURU Ramana	LEI Hai Ping	Connie PAN	Nattawud JANTEB
Iwatani Corp.	Muhammad DANI	Muhammad DANI					
Messer China	DU Pu	Thomas RUBBERT				DU Pu	
Taiyo Nippon Sanso	Gary CHOO	Charles LAW	Ichirou NAKAYAMA	Charles LAW	Ken IKOMA/ Jerrold Sameth	SHU Fei	N. PONTHEP
Praxair	Tom LOUT	Tom LOUT	<i>T. Lout (liaison)</i>	Milan SARKAR	Mark NESTLE Bruce CHENG	HOU XiSheng	T.LOUT/Adisorn RUANGDEJ

SEMINAR PROGRAMMES

Acetylene Safety Seminar, Indonesia

Horison Hotel, West Bekasi, Jakarta

5 July 2010

Speakers

- | | |
|--|--------------------------|
| Registration and Opening by Chairman of AGII | |
| 1 Learning from past Acetylene Incidents | Vincent Moreau (Linde) |
| 2 Safety precautions in Acetylene plants | Sapto Wibowo (Aneka Gas) |
| 3 Introduction and update on AIGA | |
| 4 Safe handling of Acetylene | Bing Soekianto (AGII) |
| Closing | |

Medical Gases Workshop, Bangkok

Siam Industrial Gases Association (SIGA) and AIGA

(Date to be confirmed)

Topic

Speakers

- | | |
|--|---------------------------|
| 1 Medical gases incidents | Vincent Lai, Linde Gas |
| 2 Thailand - TIS 540 Standard requirements
<i>TIS specification on medical Gases (Medical Oxygen)</i> | SIGA team |
| 3 Differentiating medical oxygen from industrial oxygen | SIGA team |
| 4 Workshop (hands-on session) - Oxygen purity testing methods | SIGA team |
| 5 Introduction to Good Manufacturing Practice for medical gases | Ernest Khoo, Air Products |

Recent EIGA revised and new publications

- | | |
|--|--|
| IGC 30/10 - Disposal of gases (globally harmonized) | IGC 140/10 - Code of practice, compressed fluorine and mixtures with inert gases (globally harmonized) |
| IGC 41/10 - Guidelines for transportation by sea of vacuum insulated portable tanks and MEGC's (globally harmonized) | IGC 159/10 - Reciprocating cryogenic pumps and pump operations |
| IGC 85/10 - Noise management for industrial gases industry | IGC 160/10 - Code of practice, silane (globally harmonized) |
| IGC 92/10 - Code of practice, nitrogen trifluoride (globally harmonized) | IGC 161/10 - Code of practice, phosphine (globally harmonized) |
| IGC 107/10 - Guidelines on environmental management systems | IGC 163/10 - Code of practice, arsine (globally harmonized) |
| IGC 110/10 - Environmental impact of cylinder filling plant | IGC 164/10 - Safe handling of liquid carbon dioxide containers that have lost pressure |
| IGC 111/10 - Environmental impact of carbon dioxide and dry ice production | |
| IGC 139/10 - Safe preparation of compressed oxidant fuel gas mixtures in cylinders (globally harmonized) | Safety Info 10/10 - Managing Organizational Change |

Recent CGA globally harmonized publications

G 14 - Arsine

G 16 - Nitrogen Trifluoride

