

### Safety Tip

For WHO guidance on COVID-19:  
<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/>

# AIGA News

Bi-Monthly Newsletter of Asia Industrial Gases Association

AIGA

Nov - Dec 2021

### Message From AIGA Board President :

“Greeting of the New Year 2022! I am happy to be associated with AIGA and am looking forward to speeding up the activities that have already been undertaken by the association along with national affiliates to raise the standard of safety, occupational health and environmental care across Asia in the manufacture, use and handling of industrial gases. On behalf of AIGA Board, I would like to heartily thank all the members of AIGA Technical Committee and Work Groups for not only sustaining the activities of AIGA in the year that passed by but also give it further boost by taking new initiatives required to support our customers and industry during the time of the ongoing Pandemic. I would also like to thank all National Associations for driving AIGA’s Mission and Vision in the respective countries in Asia and also for their active contribution in supplying medical gases during the Pandemic thereby saving many precious lives. Let us continue to sustain our focus in the current year and also in future. I sincerely wish safety and health for everyone associated with AIGA and IG industry in Asia”.



**Election of New AIGA Board:** John Panikar, Executive VP, APAC for Linde Plc was unanimously elected as Board President for a two year term till end of 2023 at the 60<sup>th</sup> meeting of AIGA Board that was held virtually on 11 Nov 2021. New Office Bearers of the Board were also elected for the same term. The 20<sup>th</sup> AGM was also held on 11 Nov’21.

The full List of Board Office Bearers and Members are:

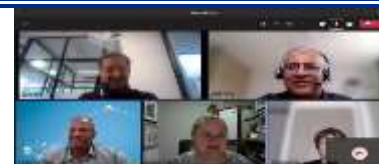
<b>President</b>	John Panikar (Linde Plc)
<b>Vice President</b>	Hitoshi Ishihara (Nippon Sanso Holdings Singapore)
<b>Secretary</b>	Makoto Horiguchi (Iwatani Co)
<b>Treasurer</b>	Werner Hickel (Messer)
<b>Members</b>	Frnacois Abrial (Air Liquide) Wilbur Mok (Air Products) Kiyoshi Shirai (Air Water Inc)
<b>Ex-Officio</b>	Haris Farooqi (Air Products), Chairman of Technical Committee Milan Sarkar, Secretary General (AIGA)

### Virtual Convention of AIGA Technical Committee and all National Associations & Rep Offices:

AIGA TC values the need to engage with our National Association (NA) in Asia so that together we can achieve AIGA's long-term vision and objective in safety, health, environmental and physical safety for the IG industry in the area of development. All National Associations/Representative Offices, TC Chairpersons and Sec Gens were cordially invited at a virtual event on 29 Nov 2021 for an interactive session with AIGA Technical Committee. The objective of the event was not only for our TC/WGs to rejuvenate the cooperation with NAs but also to briefly understand their key progress in last 2 years what was affected by Pandemic and priorities for near future. Having such a session before the end of the year helped both AIGA and NAs to develop their activity plans for 2022 and how AIGA can better collaborate with NAs to be more influential in the Asia region.



**AIGA Technical Committee year end meeting:** Year-end meeting of AIGA TC was held virtually on 20<sup>th</sup> Dec 2021. Discussions took place regarding the progress with the TC activities in 2021 and also brainstorm on priorities for 2022 for TC and all Work Groups. TC also discussed the suggested topics for the 2022 webinar and advance planning for the 60<sup>th</sup> meeting of TC to be held in 1Q 2022.



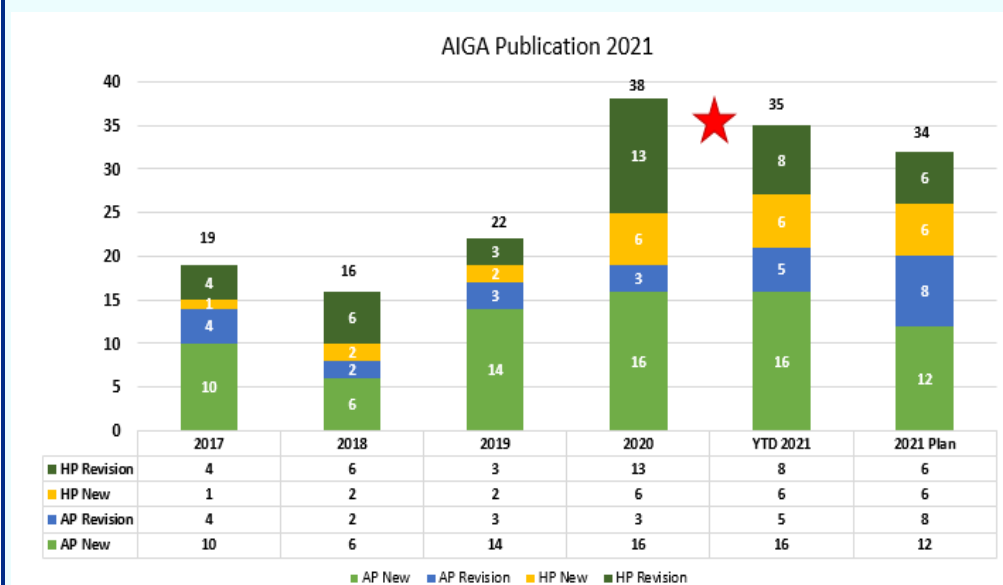
**AIGA Holds Webinar on Hydrogen Safety:** HYCO Task Force of AIGA held a webinar on 16<sup>th</sup> Dec 21 on “Hydrogen Safety Overview (in operation, compression and handling)”. About 250+ participants from 10 countries in Asia attended the webinar. Yongming Wang (Air Liquide), YiHui Xu (Air Products) and Amber Li (Air Products) were the speakers who shared their experiences emphasizing the key processes to be followed with respect to hydrogen to ensure safety in production, operation, and use. They also shared some of the learning from past incidents what drew keen interest from the participants.



### Upcoming Webinars and other Events:

- AIGA Webinars for 2022: AIGA Technical Committee developed plans to hold four webinars in the year and the topics being considered are listed below. The detailed calendar will be notified soon via AIGA website.
  - Process Safety KPIs/Safety Inspection of ASU Cold & Flat Bottom Large Storage Tanks : March 2022
  - Transport Safety- Road Risk Assessment and Safe Transportation of Flammable & Toxic Gases: June 2022
  - Safety in Cylinder Filling with emphasis on Medical Gases Safety: Sept 2022
  - Safe Use of Hydrogen in Mobility and Others: Dec 2022
- 61<sup>st</sup> meeting of AIGA Board will be held on 24 Feb 2022
- 60<sup>th</sup> meeting of Technical Committee will be held virtually on 16-17 February 2022.

**AIGA Publications in 2021:** Technical Committee and all Work Groups of AIGA remained most active through 2020-2021 thereby publishing large numbers of AIGA Publications(AP) of interest and also several globally Harmonized Publications(HP).



AIGA publications can be downloaded free from website [www.asiaiga.org](http://www.asiaiga.org)

### New Appointments in AIGA Work Groups and National Associations:

- Sidharth Jain of INOX-Air Products has been elected as the Chairperson of Governing Council of Gas Industries Association, India
- Kevin Zhang of Linde Plc joins AIGA Physical Security Work Group as member

### Documents published during Nov - Dec 2021

**AIGA TP 30/21**, Recent (H1 Of 2021) Accidents/ Incidents in the Gases Industry in Asia

**AIGA 009/21**, Safety Training of Employees

**AIGA 026/21**, Principles for the Safe Handling and Distribution of Highly Toxic Gases and Mixtures

**AIGA 091/21**, Guidance for Qualifying Customers Purchasing High Risk Security Chemicals

**AIGA 038/21**, Vertical Cylinder Handling and Transportation

**AIGA SB 029/21**, Induction and Refresher Training of Drivers, Management and Other Transport Function Personnel

### Did You Know?

The flammability of Hydrogen in Air is 4 to 75%. It requires very low ignition energy (0.017 mJoules) and burns with pale blue color what is almost invisible in daylight. It also does not produce any smoke or environmental pollution. Energy content of 1 Kg of H<sub>2</sub> is approximately equal to 1 Gal of gasoline in BTU. H<sub>2</sub> is also termed as clean “fuel of the future”.

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AIGA is registered as a non-profit society based in Singapore. It aims to foster the exchange of technical information among its members in the safe handling and use of industrial, medical and carbon dioxide gases, and to have close liaison with national authorities, in order to work towards the highest level of safety and environmental care across Asian countries.



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