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Welcome to GIA News

Gas Industries Association (GIA) was established in 2007 by the leading industrial gases companies operating in India with the aim to promote safety, health, security & environmental awareness in industrial & medical gases industry. GIA provides a forum for its members to apply and share their respective experiences in the safe production, handling and use of industrial, medical and special gases to achieve higher levels of safety and environmental care. GIA also shares most of its knowledge in public domain.

This is the sixth issue of the newsletter from Gas Industries Association. Through the GIA news, we intend to update the members and all those interested, on the activities of Gas Industries Association.

Contact us
Secretariat Secretary General
Anoop Tandon
www.gasassociation.in

Message from the GIA Governing Council

Industrial gas Industry in India is undergoing some important changes. The focus of Safety is even more important in the time of change. As our business continues to grow and new companies emerge within in the Industry it becomes a duty of **Gas Industries Association** to lead this change. We need to grow our Industry taking along our partners, suppliers and customers while promoting the safe practices and full compliance. Gas Industries Association has been working steadily to promote this vision.



Mr. Abhijit Banerjee
Managing Director,
Linde India

President
Governing Council of GIA.



Ms. BS Geetha
Managing Director,
Praxair India

Vice President
Governing Council of GIA.



Mr. Siddharth Jain
Whole Time Director,
INOX Air Products

Secretary
Governing Council of GIA.



Mr. Bertrand Monnoie
CEO
Air Liquide India

Treasurer
Governing Council of GIA.

In this year GIA has enlarged its team to include two specific work groups each of Transportation Safety and Packaged Gases Safety. GIA has also stepped up its efforts to present itself in a comprehensive way to the regulator's standardisation bodies in India viz **PESO and BIS**.

GIA governing council has undergone some changes as well. The outgoing heads of **Linde** and **Praxair India** **Mr Moloy Banerjee** and **Mr Anuj Sharma** have been replaced by **Mr Abhijit Banerjee** and **Ms BS Geetha** respectively. Both Mr Banerjee and Mr Sharma have contributed immensely to GIA and we remain indebted to them for their guidance and leadership during last several years. We also welcome Mr Abhijit and Ms Geetha into our fold and wish them all the best. Our annual seminars do a good job of bringing together the Industry and discussing the subjects in depth so that everyone can gain. Last year we interacted about the Medical gases and this year we have chosen the subject of **Oxygen Safety**. A very pertinent, well known subject but still a major source of accidents. Oxygen safety is important for Large Industrial users, Medium and small enterprises as well as Health care facilities. We encourage you all to take full benefit of this seminar to understand, debate and commit yourselves to the cause of Safety in Oxygen systems.

Siddharth Jain
Abhijeet Banerjee
Bertrand Monnoir
BS Geetha
Raju Joseph
Sujeet Pai
RC Kaushik
Sanjay Pant

Secretariat

Anoop Tandon

Technical Committee

Prabuddha Dhar
(Chairman) Linde India Limited

Sunil Kher
Arindam Das
Arabinda Adhikari

Transport Safety Work Group

Ankur Desai
(Chairman) Praxair India Limited

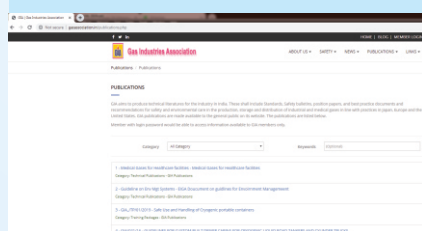
Asish Chandra
Akshay Grover
Ajit Mane

Packaged Gases Work Group

D Jegadeesan
(Chairman) Linde India Limited
Rajaram Tembare
R L Partani
Abhishek Nanda

GIA web site is the best place to get updates on the activities and referring the latest documents.

Please refer to the section
Publications for searching and
downloading of the documents.



<http://www.gasassociation.in/>

Technical Committee Roundup

Technical Committee is the apex body of GIA and represents years of senior management experience in Industrial Gases Industry. Its Chairman is **Prabuddha Dhar** who is also head of SHEQ South Asia in Linde India. He is joined by **Arabinda Adhikari** also Head of Projects and Safety in INOX Air Products Ltd and **Arindam Das** also AVP Packaged Gases and Operational Excellence in Praxair and **Sunil Kher** who also heads Projects and Customer Services in Air Liquide India. The Technical committee meets regularly in person and leads the Technical work of GIA. Technical Committee also overlooks the work done by the specific work groups. Technical Committee is accountable to the Governing Council of GIA. Technical Committee has worked very actively in recent months to promote the GIA message via following Activities:



GIA has also stepped up its working and interactions with All India Gas Manufacturers Association AIIGMA. Being a large association of Industrial gas manufacturers, suppliers AIIGMA represents a wide spectrum and large population. There has been mutual support between AIIGMA and GIA in last year. GIA experts have regularly participated in the quarterly safety events organised by AIIGMA in Delhi, Bangalore and Mumbai. Prabuddha Dhar also participated and presented a Safety paper in the AIIGMA annual seminar held in Istanbul in March 2019. Topic of the seminar was **"Ethics of Safety"** and Prabuddha rightly reminded the audience about moral responsibilities of Employers and Employees for ensuring a safe working environment. Case studies and accident analysis were presented and the audience responded very well.

PESO visit by GIA Technical Committee

GIA delegation including the Technical Committee and work group heads visited PESO headquarter in Nagpur on 26th April 2019 for an interaction with PESO officials. CCOE Head **Shri MK Jhala** and his team comprising of 9 senior officials keenly heard the GIA presentation about



its activities and proposals of working on some suggested topics of interest to the industry. PESO team suggested that the Industry bodies like GIA shall work closely with PESO for the convergence of rules in SMPV and GCR so that the misuse and confusion can be minimised on some topics. GIA Team then urged to PESO team and Mr Jhala to consider this as first introductory meeting and schedule next meetings keeping in mind of the above suggestions.

GIA participated in the BIS meeting of CHD 6, Industrial Gases Sectional Committee in Delhi on 07 Dec 2018. Several BIS standards came up for review and revalidation. Mr Prabuddha Dhar led the GIA delegation and actively contributed to the deliberations held on that day. Subsequently GIA has nominated **Sunil Kher** as the principal representative and **Anoop Tandon** as secondary rep in the CHD6 committee for future work with BIS.

GIA also participated in the CHD7 sectional committee of BIS on 14 Dec 2018 in Mumbai. CHD 7 comprises of hazardous chemicals and includes Industrial gases like Nitrous Oxide and Silane, areas in which GIA has been actively working. **Bala Subramaniam** of Praxair and **Ramana Babu** of INOXAP are representing GIA in CHD6 and actively contributing to the drafting of and review of standards.

Technical Work Groups roundup



D Jegadeesan
(Chairman)
Packaged Gases Work Group

Packaged Gas work group within GIA was formed in 2018 looking considering that Packaged gases is one of the most critical areas of Industrial Gas operations and which required continuous focus of safety and operational discipline. Packaged gases are used by small and medium size consumers in the environments which effect a very wide spectrum of our population. A work charter was drafted and team was constituted under the leadership of **D Jegadeesan** of Linde India. Other members of the group include **Abhishek Nanda** of Praxair, **RL Partani** of INOX Air Products and **Rajaram Tembore** of Air Liquide. The group has been meeting regularly since then and they have produced 3 very important and detailed documents as

- 1) GIA 01_19:** Minimum Safety Requirements for High Pressure Cylinder Filling Stations. Which shall be of use hundreds of small, medium and large organisations which are operating the business of Cylinder refilling and supply.
- 2) GIA 02_19:** Minimum Safety Requirements for High Pressure Cylinder Testing Stations: This document will be of help to all organisations which are either testing their cylinders themselves or getting it tested by 3rd party testing stations.
- 3) Training package** for Safe use and Handling of Portable Cryogenic Containers which will be of use to numerous users in Industries and Hospitals who are using liquid Nitrogen or Liquid Oxygen portable containers.



Ankur Desai
Chairman
Transport Safety
Work Group interacting
with drivers

Transport Safety Work Group has led by **Ankur Desai** of Praxair India and it includes **Ajit Mane** of INOXAP, **Akshay Grover** of Air Liquide and **Ashish Chandra** of Linde India. Transport Safety Work Group has been contributing to the GIA work since several years in many ways. It has been regularly monitoring the Accident statistics, analysing the incidents, reporting the learning, recommending new Technology usage in Transportation and producing training materials for drivers. The training package for Rollover prevention which was introduced by Praxair India under GIA banner has been a huge success and more than 100 drivers from Industrial gases as well as Petroleum Industry have benefited in last six months. In case your Organisation also wants to participate in these training please write back to the GIA secretary general.

A visit to the **Rollover Training** was organised on in Dec 2018 to review the training program and interact with the drivers. TC Chairman Prabuddha



Dhar, Governing Council representative Sujeet Pai and Secretary General Anoop Tandon visited the Wabco facility in Chennai along with Ankur Desai. All were impressed by the state of art infrastructure of the training facility, and the deep involvement of drivers. It was a very enriching experience for all.

Excerpts from the AIGA Newsletter:

In Nov 2018 AIGA Board got reconstituted with new board members.

Full List of elected board members

President	: Francois Abrial (Air Liquide)
Vice President	: Sanjiv Lamba (Linde Asia)
Treasurer	: Norikazu Ishikawa (Taiyo Nippon Sanso)
Secretary	: Werner Hickel (Messer China)
Members	: Wilbur Mok (Air Products) John Panikar (Praxair) Makoto Horiguchi (Iwatani Corporation)
Ex-Officio	: Haris Farooqi (Air Products) Chairman of Technical Committee Milan Sarkar, Secretary General (AIGA)



Francois Abrial
President, AIGA

Francois Abrial of Air Liquide has committed to carry on the good work by AIGA and its National Affiliates. There were totally 8 seminars conducted by National associations in Asia and AIGA supported all of them by sending expert speakers.

AIGA has been actively participating in the International Harmonisation Council and this year AIGA hosted the 44 IHC meeting in Singapore.

AIGA Technical Committee met for a landmark 50th meeting in Jan 2019 and **Haris Farooqi**, its Chairman complement all for this. The Meeting was covered in **Gasworld News** in February edition.

Among other changes in AIGA TC and workgroups we note the appointment of **Venkatadas Devisetty** as new Chairperson of Safety Advisory Group who is from Praxair India.

For full news on AIGA please visit the AIGA web site.

****Note:** Since resigned from Board in March 2019

Flashback - Safety Seminar - 2018



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ASSOCIATION**

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