

We cordially Invite you for the



# SAFETY

SEMINAR-2019

# OXYGEN SAFETY

## About GIA

Gas Industries Association (GIA) is established by founder members which include the leading Global Industrial gas companies operating in India viz., INOX Air Products Pvt Ltd., Linde India Ltd., Praxair India (P) Ltd., and Air Liquide India Holding Pvt. Ltd.

GIA aims to promote safety, health, security and environmental awareness in industrial (including specialty gases) and medical gases industry. It aims to minimize occupational injuries and illnesses, avoid environmental damage, assure security of hazardous materials and promote continuous improvement in these areas.

GIA is also linked with all major global gas associations like AIGA, EIGA, CGA etc. with similar objectives. With its associations and global expertise and by working closely with Indian authorities, GIA intends to introduce and maintain Global Best Practices and safety guidelines in the Industrial gases industry.

**Date:** September 11<sup>th</sup>, 2019  
**Time:** 08.30 am to 17.30 pm  
**Location:** Taj Krishna, Road No.1  
Banjara Hills, Hyderabad

**Chief Guest:** CCOE Official

## About Safety Seminar - 2019

Oxygen is a vital gas and finds extensive use in the industry for manufacturing of steel, pharmaceuticals, furnace operations, metal fabrication and several other chemical industries as an oxidising agent. O<sub>2</sub> is a life sustaining gas and is also used for oxygen supplementation in medicine. O<sub>2</sub> is an oxidant and the source of most of the chemical energy released in combustion as a result of which highly concentrated sources of oxygen promote rapid combustion in presence of combustible materials. Because to its abundant existence in atmosphere and being a "breathing gas", the hazards of oxygen go unnoticed. Oxygen is supplied and used as a compressed gas or in cryogenic form as Liquid Oxygen. Last few years have seen several safety and other incidents ranging from fire, explosion, cryogenic leaks and supply failure resulting in fatalities in the industry and hospitals. Analysis of most incidents has underlined a renewed focus on the correct system design, operation, maintenance, logistics and safe usage of this gas in the industry and hospitals.

To emphasize the hazards of oxygen and its safe usage in the industry, Gas Industries Association has once again decided to conduct its annual safety seminar on "**Oxygen Safety**". A panel of Industry experts from its member companies will bring forth the basic as well as advanced techniques to handle Oxygen in the industrial supply chain from production to storage, distribution, networking and finally its use.

## Who shall attend the seminar:

This seminar will be of immense interest to experts in various fields of the industry connected with the production, distribution, handling and use of oxygen as well as hospital officials from all over India. Operations management of companies using Oxygen will gain in terms of acquiring knowledge about the fundamental aspects as well as good and safe practices of using Oxygen. Those involved in design, project-construction, trading and oxygen equipment manufacturing may also participate. Senior officials from government bodies like PESO and major hospitals will be invited to deliver keynote address. This seminar will also present an excellent opportunity to prospective sponsors to present related products. This seminar will also be of interest to policy makers and higher management for getting a wider perspective of the issues and technologies available to make the use of oxygen safe and reliable.

## Seminars organized by Gas Industries Association

GIA organizes annually seminars on the relevant safety topics. These are a grand success and well attended by esteemed government officials as well as the delegates from industry. We do hope that you will find this an absorbing experience.

## Publications by Gas Industries Association

Gas Industries Association through its Technical Committee and Transport Safety Work Group published regularly technical papers and best practices. These publications have been made available on the association's website, <http://www.gasassociation.in/pub.asp>, free of cost, for the benefit of its members, the gases industry and for all those interested in these subjects.

**Contact:** Secretary General:

E: [anoop.tandon@gasassociation.in](mailto:anoop.tandon@gasassociation.in) T: +91 93424 35266

Venue: Taj Krishna, Road No. 1, Banjara Hills, Hyderabad

Date: September 11<sup>th</sup>, 2019

SECTION	TIME	SPEAKERS
Registration	08:30 -09:30	
Introduction / Lighting ceremony	09:30-09:40	All guests of honour
Opening Remarks	09:40-9:50	GIA President
Introduction to Seminar Subject / AIGA Overview	09:50-10:10	Chairman of the Technical Committee
Key Note address by Chief Guest	10:10 - 10:30	PESO
Overview to ALLGMA initiatives	10:30 - 10:40	ALLGMA President
Incidents and Learnings on Oxygen Safety	10:40-11:20	INOX Air Products
<b>Tea/ Coffee break</b>	<b>11:20 – 11:30</b>	
Design Material Compatibility Considerations in Oxygen Systems	11:30 - 12:15	Praxair India
Panel Discussion and Q&A	12:15 - 12.30	Previous Speakers
<b>Lunch 12:30 – 13.45</b>		
Human Factors in Oxygen Cylinders filling and handling	13:45-14:30	Linde India
Oxygen pipeline systems: Cleaning and inspection	14:30-15:15	Air Liquide
Panel Discussion and Q&A	15:15 - 15:30	Previous Speakers
<b>Tea/ Coffee break</b>	<b>15:30 -15:45</b>	
Sponsor Topic 1	15:45-16:15	Sponsor Presentation (Platinum)
Sponsor Topic 2	16:15-16:45	Sponsor Presentation (Platinum)
Vote of thanks / Concluding Remarks	16:45 - 17:15	Technical Committee rep



Contact us: **Secretary General**

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**GAS INDUSTRIES ASSOCIATION**

7<sup>th</sup> Floor, Ceejay House, Dr. Annie Besant Road, Worli, Mumbai 400018.

[www.gasassociation.in](http://www.gasassociation.in)

## SEMINAR REGISTRATION FORM

Topic: **Oxygen Safety**

Venue: **Taj Krishna**  
Road No.1, Banjara Hills, Hyderabad.

Date: **September 11<sup>th</sup>, 2019**

### Delegate Information

Name \_\_\_\_\_

Designation \_\_\_\_\_

Organisation \_\_\_\_\_

Address \_\_\_\_\_

Pin Code \_\_\_\_\_ GST No. \_\_\_\_\_

email ID \_\_\_\_\_ Mobile No. \_\_\_\_\_

Payment remittance reference / Draft / Pay order No. \_\_\_\_\_

Amount \_\_\_\_\_ Bank \_\_\_\_\_ Date \_\_\_\_\_

### REGISTRATION POLICY

- Please complete the above registration form in all respects and forward a scan copy through email to [anoop.tandon@gasassociation.in](mailto:anoop.tandon@gasassociation.in)
- Payment procedure: Registration fee of **Rs. 3950/- (Rs 3350 +18% GST)** per delegate may please be paid through the following 2 options:  
**OPTION I:** The payment can be remitted to the account of Gas Industries Association according to the following bank details: - Bank: **AXIS Bank Ltd.**, Worli Naka Branch, Mumbai. **A/C No. 909010033167902.** IFSC Code No.: UTIB0000653.  
**OPTION II:** Draft or Pay order in favor of 'Gas Industries Association' payable at Mumbai should be sent to Mr. Girish Amin, **Gas Industries Association**, C/O INOX Air Products Ltd., 7<sup>th</sup> Floor, Ceejay House, Dr. Annie Besant Road, Worli, Mumbai - 400018. Please attach a hard copy of registration form to the DD/Pay order.  
Please mention the payment details on the registration form. The registration fee and the registration form should reach us on or before September 1<sup>st</sup>, 2019. A confirmation will be sent to registered delegates via e mail. Please carry this confirmation copy to the Seminar venue during registration.
- Delegate registration fee would cover the cost of lunch, tea / coffee and a seminar kit. Last date of registration is September 1<sup>st</sup>, 2019. **Please note that in view of limited seats being available, you are advised to hurry and complete registration formalities at the earliest.**



Venue: **Taj Krishna**  
Road No.1, Banjara Hills, Hyderabad

Date: **September 11<sup>th</sup>, 2019**

## SPONSORSHIP REGISTRATION FORM

# OXYGEN SAFETY

Company Name \_\_\_\_\_

Address \_\_\_\_\_

Contact Person \_\_\_\_\_

(Name and Designation)

email ID \_\_\_\_\_ Mobile No. \_\_\_\_\_

Note: Please tick the box against the Sponsorship Category applied for.

Category of Sponsorship	Sponsorship fee per sponsor (Excluding taxes)	Package
<input type="checkbox"/> <b>Platinum</b> 2 sponsors only	<b>Rs.100,000/-</b>	<ul style="list-style-type: none"><li>• 30 minute session will be allotted for one speaker to present a safety focused technical paper related to the subject. Note that the speaker is not allowed to use the forum for covering commercial aspects. An advance copy of the presentation shall be shared by the sponsor company with GIA on or before August 10<sup>th</sup>, 2019.</li><li>• Free registration of one speaker.</li><li>• One table with backdrop (6x8') per sponsor will be provided for distribution of technical literature / brochures / products during tea / lunch breaks. Sponsors' logo will be displayed on backdrop.</li></ul>
<input type="checkbox"/> <b>Gold</b> 4 sponsors only	<b>Rs.50,000/-</b>	<ul style="list-style-type: none"><li>• One table with backdrop (6x8') will be provided for distribution of technical literature/ brochures/ products during tea/ lunch breaks. Note that sponsor is to refrain from distributing commercial documents.</li><li>• Sponsor should provide the backdrop design</li><li>• Free registration of one delegate per sponsor.</li><li>• Sponsors' logo will be displayed on backdrop.</li></ul>

• **Sponsors applying for Platinum category should mention following:**

a) Topic of presentation \_\_\_\_\_

b) Name of speaker \_\_\_\_\_

• Please complete this sponsorship registration form in all respects and forward a scan copy through e mail to [anoop.tandon@gasassociation.in](mailto:anoop.tandon@gasassociation.in) on or before August 10<sup>th</sup>, 2019. Gas Industries Association will intimate the selected sponsors through e mail, who will then be advised to remit payment of sponsorship fee.