



Australasian Institute of Dangerous Goods Consultants

Developing Compliant Strategies for a Safer Workplace

7th September 2023
Club York, Sydney NSW

AIDGC **WORKSHOP 2023**

Managing Dangerous Goods Facility Fire and Explosion Risk

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The Australasian Institute of Dangerous Goods Consultants (AIDGC) is proud to present its facilitated annual workshop on the 7th of September 2023 at the Club York in Sydney.

The theme of this year's workshop addresses the broad subject of managing fire and explosion risks associated with the range of dangerous goods facilities in Australia. The workshop will feature three presentations by industry experts, followed by a panel discussion facilitated by Ms Delene Kock MAIDGC.

The workshop is intended to be interactive, so please come ready to share your experiences and have questions ready for the presentation team.

SPEAKER LINE UP

1:00 to 1:15 **Registration**

1:15 to 1:20 **Welcome Address**

1:20 to 1:50



DANGEROUS GOODS, PROCESS RISK AND BUILDING FIRE CODE COMPLIANCE

Dr Amer Magrabi - Director - Fire & Risk Engineering

Building Code of Australia (BCA) fire compliance generally focusses on base building fire safety measures, when the fire or explosion hazard arising from the process or the stored dangerous goods is a paramount consideration. Furthermore, the process or dangerous goods in the building are often ignored, or not integrated effectively into the building fire safety strategy. This presentation will provide a methodology and case studies to show the integration of process and dangerous goods hazards into the building fire safety strategy under the BCA.

Biography : BE PHD M Risk Mgmt FIEAust, CPEng (Fire & Process) IntPE (Aus), APEC Eng

Dr Amer Magrabi has more than 22 years' experience in fire safety design, consulting and research covering the commercial property, transport infrastructure and industrial sectors in Australia, Asia and the Asia-Pacific. He is the Founding Partner and Director - Fire & Risk Engineering at Lote Consulting – Fire Safety | Security based in Sydney, Australia.

Lote Consulting and its LIVE Global Alliance partners provide comprehensive services in fire safety design: fire code compliance, fire testing, security, and risk management.

Amer is currently an Executive Committee Member of the Engineers Australia Society of Fire Safety (SFS) New South Wales Chapter. He is a Chartered NER Fire Safety Engineer/ Process Engineering, Fellow of the Institution of Engineers Australia (FIEAust), Accredited Certifier – Fire Safety (New South Wales), Registered Fire Safety Engineer in Singapore and an Associate Member of the AIDGC.

1:50 TO 2:20



REGULATORS PERSPECTIVE - FIRE AND EXPLOSION PREVENTION

Michèle Strömquist - State Inspector | Major Hazard Facilities, Safe Work NSW

Fire and explosion events at dangerous goods sites are (almost always)-preventable with good management and adherence to regulatory requirements. Technology and processes have undergone incredible changes over the last 100 years, but the basics of fire prevention remain the same and key learnings from recent incidents are testament to this. In this session we will revisit some key fire prevention activities that are supported by regulatory requirements that if practiced will prevent the majority of fires and explosions.

Biography : Michèle Strömquist is a dedicated safety professional with over 20 years of experience. Currently a State Inspector with SafeWork NSW, in the Major Hazard Facilities Team. Michèle has led many state-wide projects working to improve the safety of the storage and handling of dangerous goods as well as complex investigations into chemical incidents. Michèle has contributed to workplace safety in her roles with the NSW Police Force and Fire and Rescue NSW.

2.20 to 2.40

Afternoon break

2:40PM – 3:10PM



IMPORTANCE OF PLACEMENT - FIRE AND GAS DETECTORS

Luke Todisco - Product Manager – Connected Solutions, Draeger

Just like our human senses have their own specific requirements, so do flame and gas detectors. Some detectors work on the principle of absorbed light, much like our eyes, if something is hidden by obstruction or outside the visible light range, we cannot see it.

Other detectors work on the principle of reaction with a sensor, this requires the gas to be at the point of detection, much like our nose, if the wind is blowing the opposite direction, we cannot smell what is there. This session will explore these “senses” and other elements that will provide a better understanding of different technologies, their limitations, and possibilities.

Biography : Luke is a mechatronics engineer specializing in gas detection solutions with Dräger. Luke has a passion for improving safety in high-risk occupational environments, using innovative safety technologies and training. With a focus on Flame and Gas detectors, Luke has worked on solutions across Australia and New Zealand that are focussed on achieving the highest safety and efficiency.

3:10PM – 3:50PM

PANEL SESSION FACILITATED BY

Delene Kock - AIGDC Vice President

3:50

Closing Address

4:00

Networking & Beverages at the bar



REGISTRATION BOOKING FORM



**Australasian Institute of
Dangerous Goods Consultants**

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REGISTRATION FORM

Name: _____

Job Title: _____

Organisation: _____

Address: _____

Phone: _____

Email: _____

Any Dietary requirements: _____

REGISTRATION FEES (all prices including GST)

- Full Price Registration - \$150
- Early Bird Discount - \$125 (Only until 10th of August)
- AIDGC Members & Associate Members - \$40
- Regulatory Bodies (Includes Fire Services)
One Delegate \$100
Over two or more Delegate \$90 Each

LOCATION:

CLUB YORK
95-99 YORK STREET,
SYDNEY NSW 2000
T: (02) 9290 1155
E: info@clubyork.com.au

PARKING:

SECURE PARKING IS LOCATED AT 168
CLARENCE STREET, SYDNEY WITH
DIRECT ACCESS TO THE CLUB VIA
THE CAR PARK LIFT.
FOR MORE INFORMATION:
CLUBYORK.COM.AU/ABOUT/ABOUT-US

AFTERNOON TEA

INCLUDED. PARTICIPATES ARE
ADVISED THAT THE CLUB'S
RESTAURANTS ARE AVAILABLE FOR
LUNCH PRIOR TO THE WORKSHOP
AT PARTICIPANT'S COST.

ANY ENQUIRIES

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