



Australasian Institute of Dangerous Goods Consultants

WHAT'S HAPPENING?

July 2009

ANNUAL GENERAL MEETING

August 7 2009

**Ryde-Eastwood Leagues Club
West Ryde Sydney**

Please RSVP by July 31st

**Also please forward your proxy forms to our PO
Box 624 Gladesville 2111 or**

Scan and forward to robhogan@tpg.com.au

Full
Fee- Paying
Members and
Associate
Members are
entitled to attend
the Annual
Conference free-
of-charge

Corporate
Members are
entitled to
nominate two free
attendees

ANNUAL CONFERENCE

Crowne Plaza Sydney

September 18

Is Risk Assessment Enough?

Guest Speaker:

Peter Wilkinson Caltex

Case Study on Major Petrol Spill

Newport Victoria

**AIDGC DIARY
DATES
FOR 2009**

**Mixed Class
Dangerous
Goods**

Sydney –
Date and venue
to be advised
Brisbane –
October
AECOM
Conference
Room

**Fire Videos
Film and
Discussion
Evening**

November 26
Ryedale Room
Ryde Eastwood
Leagues Club
West Ryde
Sydney

HAZARDOUS AREAS CONFERENCE 2009

Melbourne August 11 & 12

Members who classify hazardous areas may be interested.

Details at

http://www.idc-online.com/newsletters/HLAU_schedule.html

There are also two pre-conference workshops on August 10.

**Queensland AIDGC Associate Presents at
National Workplace Safety Summit 2009**

Brisbane August 27 & 28

Anthony Warwick will present “Dangerous Goods Storage - the Good, the Bad, and the Ugly”

- Overview of legislation covering dangerous goods
- Hazardous areas and ignition sources
- Gases in cylinders
- Flammable liquids issues
- Separation from protected places
- Emerging issues with dangerous goods in buildings, building certifiers, conflicting Therapeutic Goods legislation, and Building Code of Australia
- Safety management systems - critical procedures
- Placards

For more information follow the link to the National Workplace Safety Summit 2009:

<http://www.informa.com.au/conferences/human-resources-skilling/industrial-relations/national-workplace-safety-summit-2009>

IN THE FACTORY

A Plan For Safe Entry Inside An Aircraft Fuel Tank



Part of an aircraft maintenance routine requires a technician to inspect and modify the aircraft fuel tanks and their associated systems. Maintenance personnel physically enter the fuel tank where many environmental hazards exist.

http://www.ishn.com/CDA/Articles/Feature_Article/BNP_GUID_9-5-2006_A_10000000000000624759

Corporate Members

Our Corporate Members provide a range of products and services to the Dangerous Goods Industry. Their contact details are:

AECOM
Tim Dean
(07) 3858 6700
M +61 421 407 633

AJM Environmental
Adrian Minshull
(02) 9542 2366

Store-Safe Pty Ltd
Grant Breeze
(02) 9569 2122

Vanguard Solutions
Tony Davies
(08) 9420 5322

Ignition by Taser?

On 20 July, Ronald Mitchell, 36, a known petrol sniffer and violent offender in the Aboriginal community of Warburton WA, ran from a house at police officers while carrying a cigarette lighter and a container believed to contain fuel. He caught alight when police used a Taser on him. He was airlifted to Royal Perth Hospital for treatment after he was struck by the Taser. He is in a critical condition in the burns unit.

The police said he was asked to stop but he continued running toward them before the Taser was used. According to WA's Police Commissioner, "The police officers were concerned that they were going to be burnt so they deployed a Taser." One of two officers at the scene went to Mitchell's aid when he caught fire, putting him on the ground and smothering the flames with his bare hands.

The Commissioner said the incident would be investigated by internal affairs officers, who would try to establish if the flames were caused by the lighter or the Taser. "When they deployed the Taser it seems like the offender did burst into flames," he said. "I can't discount that the Taser sparked the flames but what I can say is there is a very strong possibility the fire was caused by the lighter in the hand of the offender."

The Commissioner said police were advised where possible not to use Tasers around flammable liquid. He said there would be no changes in policies relating to Taser use in the state.

<http://news.ninemsn.com.au/national/839881/man-catches-on-fire-after-use-of-taser>

<http://www.theage.com.au/national/man-set-on-fire-by-police-taser-20090721-drdb.html>

Continuing Professional Development

Members are advised, that in line with the AIDGC Rules, a CPD audit will be held about September this year. Might be time to ensure that your records are up to date?

This month my thanks
go to
John Baker
Peter Hunt
Frank Mendham
for their contributions

Safety Matters Magazine – Free Offer!

Members are being offered a one-off free subscription to Safety Matters Magazine. This magazine is a general interest safety magazine based on the ideas, needs and requests of the membership of the Safety Institute of Australia and is distributed to some 6,000 targeted safety professionals and practitioners across Australia, including a small international cohort. If you do not wish to receive this magazine, could you please 'opt out' by emailing robhogan@tpg.com.au, otherwise we will provide the name and postal address of members wishing to receive the magazine.

The Safety Institute of Australia undertakes to observe all confidentiality requirements required for the distribution to our Members and assure us that your details would not be used or disclosed for any other purpose.

SAFETY IS NO ACCIDENT

Prevention of Silica Related Diseases

<http://www.oshainfo.gatech.edu/silica/sld002.htm>

AIDGC Database – Please Update!

I would like to remind Members about the option available on your website to promote your particular expertise in dangerous goods. Customers are looking for specific skills to fulfill their particular needs, and to get the work you deserve, you should be advertising your services. Again:

Go to the 'Members' Only' site

Click on the 'Update Details' on the 'Welcome' page

This will take you to the 'Edit Details' page where there is a box to

Enter a description of your business details and services –

maximum 300 characters. The program tells you how many

characters you have entered - if you enter too many characters the option won't activate.

Click on the 'Update' button

Search Function on Website to 'Find a Consultant'

Potential customers who contact us either through our website or by telephone are looking for specific skills to fulfill their particular needs. It is in your best interests to add your particular skills against your name on the website, via the 'details icon' column.

To assist you, listed below are some keywords that you can use that will allow enquirers to search the 'Find a Consultant' page for specific services offered by Members.

It is suggest that you put in as many keywords as are appropriate, so that potential customers can identify you.

Advice on statutory conformance	Fire services
Building Code advice	Hazardous area assessment
Certification	Legal expert opinion
Classification/packaging/labeling	Notification/Licensing
Compliance audits	OH&S
Concepts of dangerous goods	Occupational hygiene
Construction/installation/supervision	Packaging
Data base management	Placarding/Manifests
Dangerous goods consulting	Personnel placement
Design & commissioning	Process design
Developing procedures	Procedures
Documentation	Project management
Drawing plans	Risk analysis & assessment
Emergency planning & plans	Sale of product
Engineering	Site audits
Environmental services	Testing/Certification
Equipment selection	Training
Establishing inventory levels	WorkCover submissions
Facility design	Work permits

These keywords are not exclusive, feel free to describe your work skills otherwise!

Keep in Touch

If you have any suggestions or queries, please do not hesitate to contact the AIDGC Executive Officer, Robyn Hogan at: robhogan@tpg.com.au or via the AIDGC Paging Service on 02) 9430 6739 and I will return your call.



Flames engulf cars near the Viareggio railway station. (AFP)

13 Dead in Italian Gas Explosion

Two rail tankers filled with gas have exploded in a fireball after a derailment in the northern Italian city of Viareggio, engulfing nearby homes and killing 13 people.

The explosion came after one of the wagons in a 14-wagon train transporting liquefied petroleum gas (LPG) came off the rails in the coastal city of 50,000 residents north-west of Pisa just before midnight.

The accident also injured 50 people, including 37 seriously, emergency authorities said. Two small buildings collapsed from the force of the explosion. "The cars flipped over on their sides on the rails and the gas spread out among the nearest houses before exploding." Small homes line the railway line and dozens were damaged within a radius of 300 metres from the train. Areas near the station were evacuated in case of further explosions and 300 firefighters from neighbouring regions were mobilised.

Liquefied petroleum gas is a mixture of propane and butane that can be used as a cooking fuel, or as fuel for specially-adapted cars. It is also used in refrigeration.

<http://www.abc.net.au/news/stories/2009/06/30/2612204.htm?section=justin>

- [Video: Italy train explodes killing passengers \(ABC News\)](#)

IN THE NEWS

Major Ethanol Spill

Around 6,000 litres of ethanol escaped from a leaking tanker at an oil refinery with some escaping to storm water drains. It was reported that the DECC considered that environmental impact should be minimal due to the fuel dissolving in water.

<http://www.abc.net.au/news/stories/2009/06/26/2609062.htm>

Offshore Petroleum Industry Needs Urgent Safety Improvements

Final reports from an independent enquiry were released by the Federal Minister for Resources and Energy. "Our examination of the regulatory regime has uncovered a confusing mishmash of jurisdictional, legal, process and regulatory interfaces upon which is overlaid poor relationships among regulators," the authors reported.

http://www.industrysearch.com.au/News/Petroleum_industry_needs_urgent_safety_improvements-39664

http://www.ret.gov.au/resources/Documents/Offshore%20Petroleum%20Safety/NOPSA%20Safety%20Authority_Web.pdf

Port Stanvac Refinery Set For Demolition



The SA Government has given Mobil a decade to complete remediation of the 239 hectare site in relation to contamination of soils, the foreshore and groundwater.

<http://www.abc.net.au/news/stories/2009/06/25/2608378.htm?section=business>

Waste Oil Practices Cause Tank Explosion

An enquiry examines why two persons were killed in a workplace explosion whilst welding on top of a 15metre high waste oil tank.

<http://www.pageseager.com.au/VEOLIO%20DECISION.pdf>

http://www.themercury.com.au/article/2009/07/15/84525_most-popular-stories.html

RESOURCES

Battery Storage Systems

Provides an outline on fire protection requirements for stationary battery systems installed in buildings.

http://www.usfa.dhs.gov/downloads/pdf/coffee-break/cb_fp_2009_28.pdf

Guideline and Contingency Plans for Implementing Spill Prevention

Provides information and guidance on actions important for the prevention of spills and detection and response procedures.

www.ene.gov.on.ca/en/about/penalties/SpillPrevention.pdf

Opening Protective Fusible Link - Fire Door Location

http://www.usfa.dhs.gov/downloads/pdf/coffee-break/cb_fp_2009_29.pdf

Guide to Developing A Hazardous Materials Training Program

DOT has posted their new publication "What You Should Know: A Guide to Developing a Hazardous Materials Training Program" to explain training requirements, to identify those employees who must be trained to provide a tool to help hazmat employers determine what type of training and training environment may be best for their employees.

<http://www.dgac.org/trainingpartnership/DOT-DGACTrainingGuide.pdf>

What is a Safety Instrumented System?

A safety instrumented system (SIS) takes automated action to keep a plant in a safe state, or to put it into a safe state, when abnormal conditions are present.

<http://www.aiche.org/uploadedFiles/CCPS/Resources/Beacon/July09EnglishBeacon.pdf>

The Methanol Institute Methanol Safe Handling Manual

A resource for emergency first responders to increase awareness of the chemical and promote safe handling for workers, consumers, and the environment.

<http://www.methanol.org/pdf/MethanolSafeHandlingManualOct2008.pdf>

Layers of Protection Analysis (LOPA) Tank Overfill Protection

In response to the Buncefield incident, the Major Incident Investigation Board made recommendations to improve safety in the design and operation of fuel storage sites. Two of these recommendations were that loss of primary containment (tank overfill) should be prevented by a high integrity system and that industry should agree to undertake a systematic assessment of safety integrity levels using commonly agreed methods.

<http://www.hse.gov.uk/research/rrpdf/rr716.pdf>

CASE STUDY Buncefield Explosion Mechanism Phase 1 - Volumes 1 and 2

The Buncefield explosion resulted in tremendous damage to the outlying area and huge fires involving 23 large oil fuel tanks. One important aspect of the incident was the severity of the explosion, which would not have been anticipated in any major hazard assessment of the oil storage depot before the incident.

The Buncefield Major Incident Investigation Board (MIIB) invited explosion experts from academia and industry to form an Advisory Group to advise on the work that would be required to explain the severity of the Buncefield explosion.

The UK Health and Safety Executive have released the Phase 1 Report on the Explosion Mechanism Work.

<http://www.hse.gov.uk/research/rrpdf/rr718.pdf>