



**Australasian Institute of Dangerous Goods Consultants**

## ***WHAT'S HAPPENING?***

***August 2007***

**Welcome to  
our new  
Associate  
Members:**

**Jeff Ekert  
Tasmania**

**Stephen  
Kennedy  
NSW**

**Maria Silk  
Young  
NSW**

**Also new  
Corporate  
Member:  
Vanguard  
Solutions P/L  
West  
Australia**

### **Australian Dangerous Goods Code 7<sup>th</sup> Edition (ADG7) – Nearly Here**

The NTC website is currently advising:

“The Australian Dangerous Goods Code (7th Edition) will be available for purchase in September 2007. Please register with NTC News Alerts to receive advance notice.”

To register; go to <http://www.ntc.gov.au> and click on “Register here to receive Free News Alerts”

Unofficial information is that the 2 volume hardcopy (\$140) and a .PDF copy on CD (\$120) will be available by the end of September 2007.

Copies, when available, can be ordered from CanPrint, details at: <https://secure.canprint.com.au/publicationsales/productline.php/0009.html>

### **Safety is No Accident**

#### **Hazards of Acetylene Decomposition in Cylinders**

The construction and practice for use of acetylene cylinders varies from most other gas cylinders. An empty cylinder shell filled with high-pressure acetylene is likely to be unstable (explosive) because of exothermic gas decomposition under pressure (100 kPag and more). Un-dissolved acetylene is not normally handled as a free gas, except in very limited ways, e.g. for immediate use under regulated low pressure such as in welding/cutting equipment. Users of acetylene should understand cylinder construction, gas properties and apply strict safety rules in the storage, handling, and use of acetylene cylinders.

<http://www.airproducts.com/nr/rdonlyres/9d325c49-7c62-41e5-aa0b-8411db4d84f8/0/safety13.pdf>

## 2007 AIDGC Conference

October 5

Crowne Plaza

Darling Harbour

## Corporate Members

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

Basset Consulting  
Engineers –  
Tim Dean  
(07) 3510 4000 or  
0439 371 063

Leighton O'Brien  
MassTech –  
Darrell Barton  
03) 9813 5122

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

AJM Environmental –  
Adrian Minshull  
02) 9542 2366

Vanguard Solutions  
Fred Soale  
08) 9420 5322

## In the News

### WorkSafe Victoria Probing Death in Chemical Tank

Health and safety officials are investigating the death of a Melbourne man believed to have been overcome by fumes while working inside a steel chemical storage tank, highlighting the hazards related to limited means of entry and exit, poor ventilation and the presence of toxic gases and vapours to workers in confined spaces.

<http://www.news.com.au/heraldsun/story/0,21985,22263397-5005961,00.html>  
<http://www.industrysearch.com.au:80/news/viewrecord.aspx?id=27641>

### Addition of Explosives to the Security-Sensitive Dangerous Substances Act 2005, Tasmania

[http://www.wst.tas.gov.au/safety\\_comply/dang\\_subs/exp\\_and\\_fireworks/add\\_ssds\\_act](http://www.wst.tas.gov.au/safety_comply/dang_subs/exp_and_fireworks/add_ssds_act)

### Man Gets Green Light to Sue WorkCover

A man, who lost nine fingers and suffered burns to 77 per cent of his body has been cleared to commence proceedings against WorkCover (for failing to enforce work safety improvements notices) and a fireworks manufacturer in the NSW Supreme Court. The blast was the second major incident at the factory in three years with a fatality occurring in the first incident. If successful, the case would establish duty of care in administration of the statutory functions of WorkCover.

<http://www.news.com.au/heraldsun/story/0,21985,22255852-5005961,00.html>

### Some Chemicals Should Never Be Mixed

A woman planned to add chemicals to her swimming pool. Cyanuric acid and calcium hypochlorite were mixed in hot water in the kitchen, with the intention of adding the mixture to the pool thereafter. The results could have been fatal. The reaction caused a small explosion and a chlorine-gas cloud filled the house.

Source: Lebanon (US) Daily News

### Amended Victorian Regulations Affect Chemical Use in

The Agricultural and Veterinary Chemicals (Control of Use) Regulations 2007 came into force on 24 July 2007. The new Regulations seek to minimize the risks and maximize the benefits associated with the use of agricultural and veterinary chemicals in Victoria. The most significant change affecting agricultural and veterinary chemical users, as well as veterinary practitioners is to record keeping requirements. Copies of the Regulations can be downloaded from Victorian Legislation and Parliamentary Documents:

<http://www.dms.dpc.vic.gov.au/>

<http://www.dpi.vic.gov.au/dpi/nrenfa.nsf/childdocs/-DA7B09A643F323EDCA256E7500202EB8-AEEB5FB62273660ACA256E75007F85EE-9D7DEE775B7BC3AACA256C3800199FC7?open>

Any links that you would like to share with members, please first send to [jdbaker@ozemail.com.au](mailto:jdbaker@ozemail.com.au)

This month, thanks go to John Baker, Peter Hunt and Brett McPhee for their contributions.

### **Keep in Touch**

If you have any suggestions or queries please do not hesitate to contact the AIDGC Executive Officer [robyn@f1.net.au](mailto:robyn@f1.net.au) or leave a message with the AIDGC paging service 02 9430 6739 and I will return your call.

**Don't forget that if links are more than one line they must be cut and pasted or copied into your search engine address**

## **Mothball Additive in Tanks Gives Fuel for Thought**

<http://www.smh.com.au/news/national/mothball-additive-in-tanks-gives-fuel-forthought/2007/08/07/1186252708319.html>

## **In the Factory**

### **Past Industrial Contamination Industry Urges Clean up**

<http://www.industrysearch.com.au:80/news/viewrecord.aspx?id=27695>

## **Resources**

### **Chlorine Institute Safety Pamphlets**

The Chlorine Institute has free download access to ten pamphlets that were previously available for sale only. These cover selected characteristics of chlorine, sodium hypochlorite and sodium hydroxide. Each user must complete a short survey to access and download the publications.

<http://www.chlorineinstitute.org/Bookstore/SearchBrowse.cfm>

### **Bhopal Anniversary – Compendium of Conference Papers**

<http://www.iitk.ac.in:80/che/jpg/papersb/>

### **Explosion-Protected Electrical Plant - Revision of Approval List Department Of Primary Industry**

The Department of Primary Industry has made available a revised list of NSW DPI approved explosion-protected (Ex) electrical plant in .PDF and .xls formats.

<http://www.dpi.nsw.gov.au/minerals/safety/resources/electrical-engineering/topical-issues>

### **WorkCover Fact Sheets**

For those who have not visited the WorkCover NSW web site in a while, a series of fact sheets relating to dangerous goods and security sensitive dangerous substances have been posted. Also, a Register of Authorized Explosives and a List of Prohibited Explosives are available that list all explosives that are currently authorized for use in New South Wales as well as prohibited explosives. The Register and list are updated annually.

<http://www.workcover.nsw.gov.au:80/OHS/DangerousGoods/Factsheets/default.htm>  
<http://www.workcover.nsw.gov.au/OHS/DangerousGoods/AuthorisedExplosives/default.htm>