



WHAT'S HAPPENING?

October 2008

WELCOME TO NEW MEMBER

**Don Johnston
Victoria**

DIARY DATE

Queensland:

**Thursday
November 13
ADG7 an Update**

A flyer is
downloadable from the
AIDGC website.

If you, or your Guests,
are attending, don't
forget to R.S.V.P.
robvnhogan@unwired.com.au

NEW MHF Regulations

Do I need to notify WorkCover?

New laws for Major Hazard Facilities (MHFs) and some other facilities came into force in NSW on 14 July 2008.

These laws apply to facilities with more than certain quantities of some dangerous goods. There are various levels of requirements: notification, provisional registration and full registration.

Notification period commences on 13 October 2008 and is due by 12 January 2009 for existing facilities. MHF notification is required in addition to Dangerous Goods notification.

Do I have to notify WorkCover?

You must notify WorkCover if you operate a facility and:

- the quantities present or likely to be present at the facility of any material listed in Schedule 8 of the Occupational Health and Safety Regulation 2001 (the Regulation) exceeds 10% of the corresponding threshold quantity, or
- the Aggregate Quantity Ratio (AQR) (as defined by the Regulation) for the facility exceeds 0.1.

For example:

- the MHF threshold for petrol is 50 000 tonnes, so notification is required if you have or are likely to have more than 5 000 tonnes
- the MHF threshold for LPG is 200 tonnes, so notification is required for more than 20 tonnes.

Corporate Members

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

AJM Environmental –
Adrian Minshull
02) 9542 2366

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

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

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

Vanguard Solutions
Tony Davies
08) 9420 5322

How do I find out if this applies to me?

You can work out if this applies to your facility by calculating the quantities and AQR mentioned above.

Guidance on how to do this is available in the WorkCover Guide *Notification for MHFs and Potential MHFs*.

The Guide is available from the WorkCover website www.workcover.nsw.gov.au or by contacting the WorkCover Assistance Service on 13 10 50.

How can I find out more about MHF Notification?

You can find further information on the WorkCover website

www.workcover.nsw.gov.au

or by contacting the Major Hazard Facilities Team on (02) 8281 6261.

Free Workshops

You may also register for one of two free Workshops :

Date: 20 November 2008

Registration: 9.00 am to 9.30am OR 1.00pm to 1.30pm
Workshop start: 9.30am to 12.30pm OR 1.30pm TO 4.00pm

Venue: L 10, Building C, 300 Elizabeth Street, Surry Hills, NSW

To reserve your place at a Workshop, please contact Ida Harding on (02) 8281 6261 by 30 October 2008.

RESOURCES

Fire Protection Challenges Presented by Composite Intermediate Bulk Containers (prepared by the Fire Protection Research Foundation)

http://www.nfpa.org/assets/files/PDF/Research/IBC_Powerpoint.pdf

Product and Technical Properties Guide for Lubricant Hydrocarbons

http://www.shell.com/static/au-en/downloads/lubricants/product_data_guide/shell_lubricants_data_guide_07.pdf
http://www.shell.com/static/au-en/downloads/lubricants/product_data_guide/technical_properties.pdf

Emergency Response Plans for Chlor-Alkali, Sodium Hypochlorite and Hydrogen Chloride Facilities

<http://www.chlorineinstitute.org/files//FreeProductPDFs/Pamphlet64-Ed6-FINAL.pdf>

Generic Risk Management Plan For Chlorine Packaging Plants And Sodium Hypochlorite Production Facilities

http://www.chlorineinstitute.org/files//FreeProductPDFs/Pamphlet_162_Ed_2_Rev_1_June_2005.pdf

Fire and Blast Information Group

FABIG is a non-profit, membership based organization committed to Promoting the protection of life, property and the environment through the development and sharing of expert knowledge on fires and explosions.

<http://www.fabig.com>

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

Safety is No Accident

Chemical Compatibility

This search engine provides an indicative compatibility rating for an array of materials when exposed to various industrial chemicals - to be used with appropriate professional discretion.

<http://www.coleparmer.com/techinfo/ChemComp.asp>

A free pamphlet from the Chlorine Institute outlines the reactivity and compatibility of chlorine and sodium hydroxide with various materials of construction.

<http://www.chlorineinstitute.org/files//FreeProductPDFs/Pamphlet164-Edition2-August2007.pdf>

CASE STUDIES

LPG Gas Explosion



Four people were killed and five others were seriously injured when propane vapour from a storage tank ignited and exploded at a petrol station & convenience store.

Key issues were considered to include:

- Emergency evacuation,
- Incident training for firefighters,
- Emergency call centre resources,
- LP Gas supply company procedures and service technician training.

Final Investigation Report

http://www.csb.gov/completed_investigations/docs/CSBFinalReportLittleGeneral.pdf

Video

<http://events.powerstream.net/002/00174/player/progDL.asp?contID=20081007GhentTragedy>

No.5 Blast Furnace Explosion at Port Talbot UK

Another well documented example of lessons to be learned in process safety management.

<http://www.hse.gov.uk/pubns/web34.pdf>

AIDGC CONFERENCE PAPERS

Are downloadable
from the Members'
Only pages of the
AIDGC Website

Any internet links that
you would like to
share with members,
please first send to
jdbaker@ozemail.com.au

Keep In Touch

If you have any
suggestions or queries
please do not hesitate
to contact the
AIDGC Executive
Officer, Robyn Hogan:
robynhogan@unwired.com.au
or
leave a message with
the AIDGC paging
service 02 9430 6739
and I will return
your call.

IN THE FACTORY

Safety Report Assessment Guide: Chemical Warehouse Hazards

Many warehouses contain large quantities of combustible material stacked metres high. A fire that is started in a pallet at a low level may expand rapidly upwards. Unless the fire is tackled in its earliest stages, it may be very difficult to control its spread through the whole of the warehouse.

<http://www.hse.gov.uk/comah/sragcwh/hazards/haz3.htm>

STANDARDS WATCH

Revised Standard: AS2714-2008 Storage & Handling of Organic Peroxides

Sets out requirements and recommendations for the safe storage, handling, dispensing and disposal of packaged organic peroxides of Division 5.2.

Includes safe separation distances, fire protection and emergency management.

Published: 21 Oct 2008, Pages: 45, Member Price (online, PDF): \$85.30.

In the News

Apache Blamed for Varanus Blast

The National Offshore Petroleum Safety Authority (NOPSA) found that an ineffective anti-corrosion coating on a 300 mm diameter sales gas pipeline was one of the major causes of the June 3, 2008 explosion.



NOPSA found that ineffective inspection, monitoring and poor protection of the shallow water section of pipeline also contributed to the explosion.

<http://www.watoday.com.au/wa-news/how-the-varanus-explosion-unfolded-20081010-4y5c.html>

<http://www.watoday.com.au/wa-news/apache-blamed-for-varanus-blast-20081010-4y3a.html?page=-1>

A New Polluter-Pays Model for Queensland Industry

The Queensland government will introduce a new polluter-pays model for industry that it says will provide an incentive for businesses to be clean and green.

http://www.industrysearch.com.au:80/News/Qld_to_introduce_a_new_polluter-pays_model_for_industry-35290

ADG7 – New Terminology or Meanings: No 5

New HAZCHEM Codes

HAZCHEM Codes are no longer shown in the Dangerous Goods List – you have to go to Appendix C (page 687 in Vol. 2) and there are some significant changes in the HAZCHEM system.

In particular, the use of a reverse print second character, indicating that breathing protection is required only in event of fire, has been discontinued.

Another significant change is the introduction of a bullet (●) preceding the numeral 2 or 3 for some substances.

This indicates that alcohol resistant foam is the preferred fire-fighting medium.

The HAZCHEM system is from UK and is used in Australia, but also included in Appendix C is the Hazard Identification Number (HIN) as used in Europe to provide additional hazard information about the load.

Note that this is provided for information only, to assist in interpreting signs that may be encountered on imported loads of dangerous goods.