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2008

**Chemwatch Newsletter**  
Quarterly CD Release

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## Chemwatch Implementation Packs

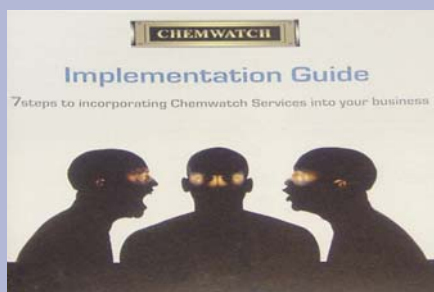
Chemwatch has developed Implementation Packs to help integrate Chemwatch, its services, software and expertise into your organization. Inside each pack you will find a:

- 7 step Implementation Guide
- Chemgold II Quick Start Guide
- Policy Certificate
- Set of stickers with contact details for your computer monitors
- Set of safe storage cards

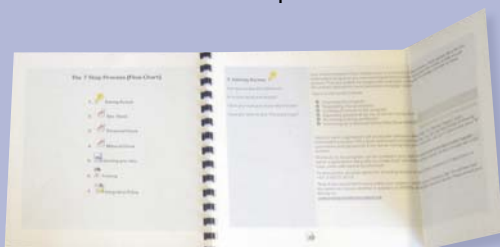


### Implementation Guide

The Implementation Guide is the backbone of the pack. It details a 7-step process for managing Chemwatch services in your organization.



It uses an innovative easy-to-read design so you can swiftly work your way through the guide. Pages with detailed information can be folded out to provide further clarification when required.



It also contains useful checklists to help you determine:

- the work areas that might need to be considered
- where chemical materials are stored
- which staff members are to be involved
- who needs to be trained
- to what extent those people will need to be trained.

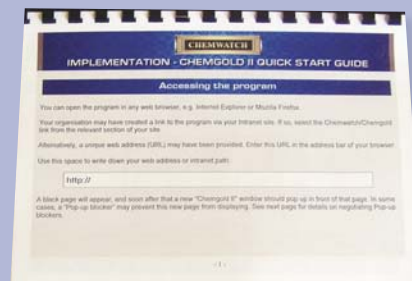
In addition, the guide provides tools to assist you in creating a register of all the chemical materials used in your organisation. We encourage you to create this list and send it to us so we can keep it on our system. This ensures that all your MSDS's are available and kept up to date for every material used in your workplace.

Standard operating procedures are important for all activities which pose potential risks. The final step in the guide includes a list of items which might need to be considered when creating new work procedures, or when updating existing ones.

### Quick Start Guides

The Implementation pack contains a Chemgold II Quick Start Guide to help familiarise yourself with the software. The guide includes instructions on accessing the program, tips on searching for materials, and outlines simple steps for obtaining MSDS sheets.

For more detailed instructions, the full Chemgold II Workbook is also available from the Main Chemgold II Search Screen. Move your mouse over the gold DOCUMENTS button, and select Workbook.



### Policy Certificate

Since your organisation is dedicated to providing a safe work environment for its employees, you may wish to acknowledge this commitment. The pack includes a customised Policy Certificate with your company details on it. Frame it and display it with pride!



### Safe Storage Cards & Contact Stickers

The pack also includes a set of storage cards to assist in the storage of Dangerous Goods. It includes a Storage Incompatibility Chart, HAZCHEM action codes, and detailed isolation charts for ease of use.

And since Chemwatch provides free unlimited help desk support and compliance advice to its users, we have included a set of stickers for you to stick on computer monitors around your workplace. The stickers display Help Desk, compliance and emergency contact information.

### Obtaining your Implementation Pack

Contact us and we will send a pack out to you. All the guides from the pack including the Quick Start Guide, can also be downloaded from the main Chemgold II start screen by selecting the gold DOCUMENTS button.

## The low-down on author(IT)e

In our last, spine-tingling installation of the low-down, we left you clinging to the edge of your seat in anticipation of further, exciting new developments in the world of authorITe. Relax and allow your pulse to return to its normal level because here they are in all their glory!

## What's New?

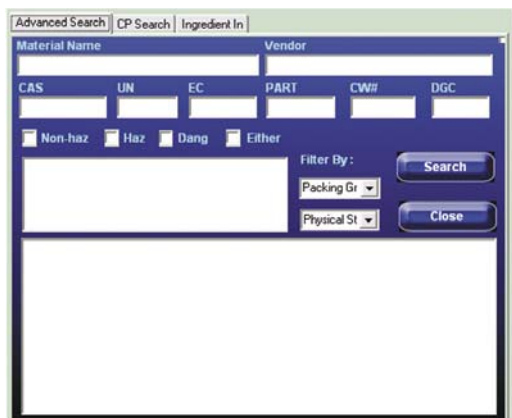
### Advanced Search

The entire suite of Chemwatch applications will soon be undergoing a major overhaul with regards to searching. Our cutting-edge new search algorithms will make finding the material you're looking for a breeze. Not wanting to miss out on all the fun, the authorITe team has now implemented a new Advanced Search interface based on this new logic.

To access the Advanced Search interface, click on the search icon just to the right of the Material Name heading:



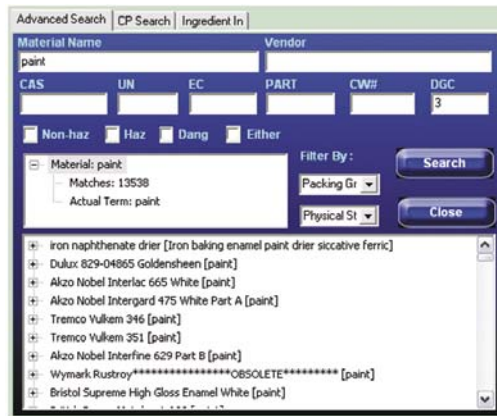
This will open the following screen:



You have three options for searching:

**1. Advanced Search** – this allows you to search on a number of different variables, from Material Name to Dangerous Goods Class to Vendor and so on. Enter the required search strings in the fields you would like to search on and click the 'Search' button.

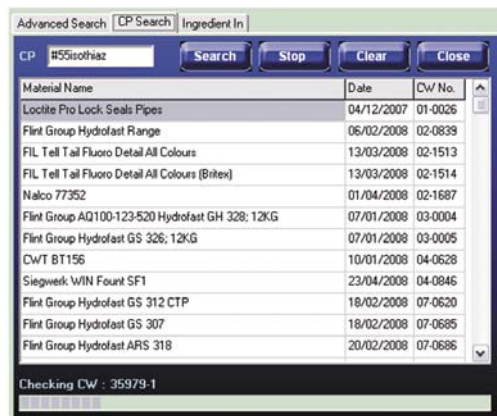
For example, to search for all materials containing the word 'paint' that are Dangerous Goods Class 3:



Expand each material by clicking the + sign to display further details. Once you have found the material you are looking for, you can select it by double-clicking on the name.

Searches can be done on more than one word at a time and also by adding an asterisk (\*) as a wild-card. You can place the wild-card anywhere in the search string except at the start.

**2. CP Search** – enables you to find all materials containing a particular CP. Enter the CP in the search field and click on 'Search'. You can stop the search at any time by clicking the 'Stop button':



Open any of the materials listed by double-clicking.

**3. Ingredient In** – this search allows you to find all materials in the database that contain the material you currently have open. Say, for example you want to find all materials containing 'benzene'. First, open benzene in authorITe in the usual way, then open the 'Ingredient In' search page and click on the 'Search' button:



The resultant list displays all benzene containing materials. Any of the materials listed can be opened by double-clicking. **(cont. over page)**

### Minimum Disclosure

Most of our users will be familiar with the Minimum Disclosure (MD) function. MD can be used where MSDS authors only wish to display those ingredients that are required by local legislation to be disclosed on the finished data sheet.

The logic for which ingredients are displayed has recently changed to ensure that the correct list of ingredients is displayed.

Ingredients will be displayed in MD according to the following:

- All ingredients that generate Risk Codes - both Real and Chemwatch (?)\* codes - based on the applicable cut-offs
- Ingredients that contribute towards the Dangerous Goods classification of the material. This is based on an additive scale such that all ingredients with the same DGC and Packing Group are summed to establish if the mixture also meets this classification. If ingredients X, Y and Z are all DGC 3 and Packing Group 1 but only ingredient X is at a level sufficient to meet the requirements for classification of DGC 3 and Packing Group 1 by itself, all 3 ingredients will still be reported when MD is activated.

*\* R Codes that are shown with a "?" are not definitive but there is significant evidence indicating that they are correct and will eventually become Real R Codes based on research carried out by Chemwatch.*

### Galleria Chemica

**Galleria Chemica contains information on just about anything chemical, from regulatory compliance to chemical and physical properties. Galleria currently boasts over 1,000 databases of chemical information, and this is growing by the day. All of this information is available through the use of a powerful search engine and user friendly interface. A batch loader add on (MyGAL) is also available.**

**The Galleria Team is always on the lookout for new legislation and other chemical information that is relevant to our clients' needs. The following is a list of the databases updated and added in Galleria Chemica over the last quarter.**

**If you would like to find out more about our Regulatory Alerts Reports, or have any questions regarding Galleria Chemica, don't hesitate to contact Claude Neri, our Head of Compliance Services at Chemwatch, by email: [claudio@chemwatch.net](mailto:claudio@chemwatch.net)**

### Chemwatch Alerts Systems

**Chemwatch systems have recently added many alerting functions and upgraded existing reports available to all subscribers to the Chemwatch Managed Service.**

#### Regulatory Reports

A project that has been at the heart of the MyGAL/ Galleria development, the GCAE (Galleria Chemica Alerts Engine) is now available to our existing clients. GCAE's powerful alerts engine scans every pure substance on our register and looks for changes to regulatory information. Be it changes to current regulation or new data that has become available, GCAE will find and report it, keeping you up to date in almost real time.

The reporting is generated as an HTML document with hyperlinked index of your products (determined by regulatory changes to their ingredients). Archive reports are available online by logging into ChemWatcher.

#### BackPack MSDS Update

Email Alerts are now being sent to Backpack subscribers showing specific changes in updated MSDS to the Chemwatch Collection. The email alerts show updated MSDS, with live links to a line by line comparison document that identifies specific additions/deletions and changes to the new update of the MSDS. These alerts will soon be available online so that users can look up archive alerting information.

#### Vendor MSDS Status Report

Chemwatch's MSDS Vendor Status Report is delivered to all of our clients with a registered substance list on a quarterly basis, along with the software and databases update. The Vendor Status Report has undergone a major upgrade recently. Chemwatch runs an MSDS request service which contacts all of the vendors of your products to obtain the latest supplier MSDS for your Chemwatch system. MSDS are requested once they are 30 months old, follow up requests are made if the MSDS is not received within one month. The success of this relies on many factors, the upgraded reporting system keeps you informed of the status of your supplier MSDS, and any reasons for not being able to obtain a newer document.

Malta Indicative Occupational Exposure Limit Values	Japan Port Regulations Law (Japanese) - Dangerous Goods	Denmark List of Limit Values for Dust (Danish)
Container Material Chemical Comptability Database	US Department of Transportation (DOT), Hazardous Material Table : Goods Forbidden for Transport	International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List
Spain Changes Proposed for Occupational Limit Values (Spanish)	Finland Industrial Safety Act (Finnish) - Binding Limit Values	Korea (South) Toxic Chemicals Control Act - Chemicals not Relevant to Toxic
US - Oregon Permissible Exposure Limits (Z2)	US - Oregon Permissible Exposure Limits (Z3)	Nicaragua Occupational Exposure Limits
Norway Administrative norms for air contamination in the workplace	US Department of Transportation (DOT) Marine Pollutants - Appendix B	Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix J (Part 2)
Spain List for carcinogenic and mutagenic substances with limit value adopted (Spanish)	US Department of Transportation (DOT), Hazardous Material Table	International Air Transport Association (IATA) Dangerous Goods Regulations
Gibraltar Occupational Exposure Limit Values	Japan Occupational Exposure Limits	Germany Recommended Exposure Limits - MAK Values
Austria Occupational Exposure Limits - Maximum Workplace Concentrations (MAK) (German)	Japan Civil Aeronautics Law - Flammable Liquid (Japanese)	US - North Carolina Permissible Exposure Limits (PELs) for Air Contaminants
Austria Technical Exposure Limits (TRK Values) (German)	Japan Civil Aeronautics Law - Explosives (Japanese)	Germany Recommended Exposure Limits - MAK Values (German)
IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO	Canada Domestic Substances List (DSL)	Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix G
IMO Provisional Categorization of Liquid Substances - List 1: Pure or technically pure products	Japan Civil Aeronautics Law - High Pressure Gas (Japanese)	Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix F (Part 3)
IMO Provisional Categorization of Liquid Substances - List 3: (Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards	European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - Final proposal of the TC C&L for the 30th ATP	Finland Occupational Exposure Levels (Finnish) - Intended Changes
IMO Provisional Categorization of Liquid Substances - List 4: Pollutant only mixtures containing one or more components, forming more than 1% by weight of the mixture, which have not yet been assessed by IMO	Japan Civil Aeronautics Law - Miscellaneous Dangerous Goods (Japanese)	Australia Dangerous Goods Code (ADG Code) - List of Currently Assigned Self-Reactive Substances in Packagings
Finland Occupational Exposure Levels (Swedish) - Concentrations Known to be Harmful	Denmark Limit values for air pollutants (Danish)	New Zealand Hazardous Substances and New Organisms (HSNO) Act - Scheduled Toxic Substances
Ireland Occupational Exposure Limits	Japan Civil Aeronautics Law - Toxic Substances (Japanese)	New Zealand Hazardous Substances and New Organisms (HSNO) Act - Timber Preservatives, Antisapstains and Antifouling Paints
Ireland Occupational Exposure Limits - Intended Changes	Japan Civil Aeronautics Law - Oxidizing Substances (Japanese)	Finland Occupational Exposure Levels (Swedish) - Intended Changes
GESAMP/EHS Composite List of Hazard Profiles - Hazard evaluation of substances transported by ships	Australia Dangerous Goods Code (ADG Code) - List of Currently Assigned Organic Peroxides in Packagings	New Zealand Hazardous Substances and New Organisms (HSNO) Act - Pesticides
Canada Transport Dangerous Goods - Schedule 3	European Union (EU) Transport of Dangerous Goods by Road - Dangerous Goods List (English)	New Zealand Hazardous Substances and New Organisms (HSNO) Act - Veterinary Medicines
New Zealand Hazardous Substances and New Organisms (HSNO) Act - Dangerous Goods	Australia Dangerous Goods Code (ADG Code) - List of Emergency Action Codes	Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix H
IMO Provisional Categorization of Liquid Substances - List 5: Substances not shipped in pure form but as components in mixtures	Japan Port Regulations Law (Japanese) - Explosives	US - California OEHHA/ARB - Chronic Reference Exposure Levels and Target Organs (CRELs)
Canada Transport Dangerous Goods - Schedule 1	US - Alaska Limits for Air Contaminants	Hungary Occupational Exposure Limits (Hungarian)
	Japan Civil Aeronautics Law - Flammable Solids (Japanese)	European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)
	Denmark Indicative List of Organic Solvents (Danish)	
	Japan Civil Aeronautics Law - Corrosive Substances (Japanese)	
	Canada Non-Domestic Substances List (NDSL)	

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Hazardous Substances Register

IMO IBC Code Chapter 17: Summary of minimum requirements

Japan Port Regulations Law (Japanese) - Chemical Liquid Waste

Canada - Northwest Territories Occupational Exposure Limits

European Union (EU) Marketing and Use Directive (76/769/EEC) Annex I - Azocolourants - List of aromatic amines

Philippines Regulatory Guidelines Concerning Food Additives - Permitted Food Additives

New Zealand Inventory of Chemicals (NZIoC)

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix I

Poland Workplace Maximum Allowable Concentration (Polish)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Russian)

European Agreement concerning the International Carriage of Dangerous Goods by Road ADR 2007 (Spanish)

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Vertebrate Toxic Agents

Singapore Food Regulations - Food Additives - Sequestrants

Australia Dangerous Goods Code (ADG Code) - Packing Instruction - Compressed Gases

Australia Dangerous Goods Code (ADG Code) - Packing Instruction - Liquefied and Dissolved Gases

Australia Dangerous Goods Code (ADG Code) - Packing Instruction - Substances not in Class 2

United Nations Recommendations on the Transport of Dangerous Goods Model Regulations (French)

Australia Dangerous Goods Code (ADG Code) - Portable Tank Instruction

Canada Environmental Protection Act - Significant New Activity (SNAc)

Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 4

German Synonyms

Sweden Occupational Exposure Limit Values (Swedish)

US EPA National Priorities List - Superfund Chemical Data Matrix (SCDM) - Hazard Ranking System - Hazardous Substance Benchmarks

Polish Synonyms

Russian Synonyms

Swedish Synonyms

Australia Dangerous Goods Code (ADG Code) - Packing Instruction - Organic Peroxides

2D Molecule Image

English Synonyms

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR 2007, English)

Singapore Food Regulations - Food Additives - Flavour Enhancers

Japan Chemical Substances Control Law - Class I Specified Chemical Substances (English)

Australia Dangerous Goods Code (ADG Code) - Dangerous Goods List

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Fumigants

Singapore Food Regulations - Food Additives - Permitted Emulsifiers and Stabilisers

Singapore Food Regulations - Food Additives - Anti-foaming agents

Singapore Food Regulations - Food Additives - Permitted Chemical Preservatives in Selected Foods

Singapore Food Regulations - Food Additives - Gaseous packaging agents

Singapore Food Regulations - Food Additives - Anti-oxidants

## Greetings from Gwenaelle

My name is Gwenaelle Le Saout and I joined Chemwatch at the end of February 2008. I completed a Master of Chemistry in France and gained experience in the chemical and coatings industries both overseas and in Australia.

My role involves both sales support and helpdesk. Acting in the sales role, I provide Chemwatch agents with both product and technical support. In the helpdesk position, support is for clients only.

I work part-time, 3 days a week, on Monday, Tuesday and Thursday so the week goes by very quickly, and I enjoy learning about Chemwatch products and helping customers.



**Suman Chakraborty** joined us in February as a Chemgold II sales agent for India.

Suman has completed a BSc in Physics and is responsible for sales and support. Clients include Tata Steel, TCS, Cognizant, SIEMENS, IOCL, ITC and BOC just to name a few.

Suman also has over 10 years of experience as a software solution provider in eastern India. He has expertise in Microsoft, IBM, HP, Symantec, AutoCAD, Adobe, Oracle, CA, Trend Micro, McAfee and CISCO software sales.



**Above: Catherine Lim** from Chemcare Asia Consultants in Singapore

## News from the Asia Pacific region

Client expansion for the period was typical, with new clients across the region and across the spectrum of industries.

Of particular interest was the paint industry. A new contract was awarded by Nippon Paint, where we are providing MSDS authoring for their products. It is a first in that, as a paint provider in Asia, they have recognised their Hazchem obligations and are using Chemwatch to provide compliant documentation to their end-users.

A similar request was completed for ICI Paints, Vietnam. This arose from the need to provide MSDS for materials in some Asean languages that cannot be produced by the client's in-house program. Chemwatch is covering the country requirements for hazchem data in the local language.

This request also covered the need for the client to provide simplified MSDS in Vietnamese for their local production staff. We are proud to support a base level system for staff requiring access to easy-to-read safety data about chemicals in their work-place.

Another step forward in chemical safety data management for staff, within a developing country, was achieved for BHP Billiton. Their Kalimantan operation (Borneo to those less familiar with Asean geography), has chosen Chemwatch as their base chemical safety data management system for all chemicals at their massive iron ore mine in the heart of Borneo.

Closer to the middle of Asean, the Port of Tanjung Pelapas, which was established as an alternative to the Port of Singapore, has chosen Chemwatch as their Chemical Incident Emergency Response Information System. This program is under review as a trial for roll-out to over twenty other sites.



Chemcare Asia Training in the Middle East.

Dimas Satya Lesmana in front of one of the world's most expensive hotels, the Burj Arab.



Chemwatch is pleased to announce a new agent for Thailand, a company called Hazchem Logistics. They have been associated with Chemwatch for about 3 years as a subscriber.

Their GM, Toon, is a very active member of the initiative for the introduction of GHS in Thailand. He has been a long time member of the cadre of trained GHS assessors, and is a frequent speaker on chemical safety in distribution of chemicals.

Chemwatch held a "Risk assessment seminar" on the 12th and 13th of March in Osaka and Tokyo with our agents and colleagues JCDB. The Risk Assessment Module in ChemGold II was introduced to the audience. It was a fulfilling seminar with lectures from Mr. Natsumeda of Japan Industrial Safety & Health Association (JISHA), and Dr Henk van Peski of Chemwatch Europe. More than 150 people attended the seminar, which reflected the high level of interest.

Mr Natsumeda, lectured on control banding and a risk assessment 'JISHA method'. Dr Henk van Peski, lectured on the latest information from overseas, focusing on chemical management in EU and US. Dr Bernie Bialkower (Chemwatch Australia), demonstrated 'control banding' in ChemGold II Risk Assessment module.

After the seminar, a banquet was held where those present enjoyed Chanko nabe, a fish, meat, and vegetable stew traditionally served to sumo wrestlers and famous in the area where the Tokyo seminar was held!

## News from Europe

### REACH Pre-registration

Under REACH, the new chemicals regulation of the European Union, companies must pre-register chemical substances between 1 June and 1 December 2008 if they want to benefit from staggered registration deadlines (2010, 2013, 2018).

If a manufacturer or importer of a chemical fails to pre-register by 1 December 2008 he cannot continue manufacturing or importing it until he has submitted a full REACH registration dossier.

Pre-registration is not a legal requirement under REACH. However, the manufacture and importation of phase-in substance without pre-registration or without immediate registration is in breach of the REACH regulation. *Please refer to the Chemwatch bulletins in July for the full report of this article. Source: Journaal Stoggen en Preparaten, 2008, No. 4*

## News from Turkey

Chemwatch representatives in Turkey, Mikro Bilgi, exhibited Chemwatch software at TurkChem - Chemical Industry Group Fair, held at Istanbul Expo Centre. Erkan Mutlu, who leads the Chemwatch sales division for Chemwatch in Turkey, says there was a strong interest in Chemwatch services, with some companies signing up within a week.

## News from North America

### Summer is the season for travel and shows for Chemwatch North America

As we enter the summer months in North America we enter the season of travel – the Tennessee office slims down as the guys spread out to a series of trade shows and meetings where they meet with current clients, and have the opportunity to show their range of products to some future users.

Our booth will be at the American Industrial Hygiene show in Minneapolis, MN. Paul is looking forward to his meeting with the IH contingent from the several NASA sites who have used Chemwatch for much of this decade. Many of the other government IH and safety personnel also attend and we welcome you all to visit us in the software section at booth #1239.

As our Australian friends say, 'whilst' Paul and Jim are on vacation, Joe will be working a booth at the National Environmental Health Association (NEHA) in Tucson, AZ June 22-25 and the Southern Gas Association meeting June 25-27. At NEHA Joe will be meeting with our growing client base in Health Departments and SGA will help to introduce Chemwatch MSDS Management to more utility companies.

July is home to our college and university shows, and we will be sharing a booth with our inventory partner, Vertere, at both the Campus Safety, Health and Environmental Managers (CSHEMA) show in St. Louis July 26-30, and the National Association of Scientific Material Managers (NAOSSM) in San Antonio, TX.

We have attended most of these events for many years, and we always welcome current friends and clients to stop and visit so we catch up on family, work and some of the new things happening at Chemwatch.

So, we hope to see you this summer and travel safely!

*Jim, Paul and Joe*



At the Ohio Safety Congress meeting in Columbus Ohio, Paul received a visit from his daughter Lindsay, an emergency room RN at a local hospital, and his grandson Solomon, a five year old soccer player.



Paul presents Ohio University EHS manager Terry Richardson with one of the popular Chemwatch deskmats.

## Chemwatch Australia training dates

### Introduction:

**RTC1701A**

- Follow basic chemical safety rules:
- using **Chemgold II** - One Full Day

### 2008:

#### ADELAIDE

Aug 12, Nov 18

#### BRISBANE

Aug 5, Nov 4

#### MELBOURNE

July 29, Nov 25

#### SYDNEY

Aug 19, Nov 11

#### PERTH

#### CANBERRA

#### TASMANIA

#### DARWIN

Contact Chemwatch for details.

On-site group training for up to 12 participants is also available at \$680.00 per half day or \$1200.00 per full day exGST. Travel expenses, if required, will be additional.

We also provide the following courses. For more details, please contact us directly.

### Introduction:

**RTC1701A**

- Follow basic chemical safety rules:
- using **Chemwatch Blue** - One Full Day

### Risk Assessment:

**BSB0HS504A**

- Apply principles of OHS risk management - Half Day

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