



Tuesday, 16 August 2011
For AJM

Under one roof: 3 shows with high-tech insights

While proximity to markets and wise investments in technological innovation have given Australian miners a competitive advantage, the road ahead is anything but smooth.

The proposed mining tax, carbon tax, volatile Australian dollar, industrial unrest and fears of a world recession all threaten the bottom line.

There's not much miners can do about these influences, but they can optimise efficiency, by ensuring they take advantage of the latest systems and technological advances.

These include advances in bulk handling and safety efficiency, especially important this year with the harmonisation of occupational health and safety laws across State and Federal jurisdictions.

On October 25-27 this year, three exhibitions to be held concurrently and co-located at the Sydney Showground, Sydney Olympic Park, will provide managers in the mining industry and associated fields with the opportunity to catch up with the very latest in technical advances, services and systems.

They are Bulkex, The Safety Show Sydney and Sydney Materials Handling. Never before has so much information been concentrated under one roof covering bulk handling; materials handling and manual handling equipment, services and training; health and safety systems, products, software and equipment.

Coal silo storage

At **Bulkex**, for example, visitors to the German Plant Experience Pty Ltd stand can gain insights into the Eurosilo system for coal silo storage developed by the Dutch firm ESI Eurosilo BV.

This practical and economically efficient storage method uses a screw reclaim mechanism that eliminates material block-ups and is available for storage volumes varying from 1,000 to 100,000 cubic metres per unit. The main benefits are, minimal footprint, no dust emissions, compliance with ATEX workplace safety regulations, fully automatic operation and relatively quick return on investment.

**Australian
EXHIBITIONS
& Conferences**

Organised by: Australian Exhibitions & Conferences Pty Ltd
Level 5, 267 Collins Street, Melbourne, VIC, 3000, Tel 03 9654 7773 Fax 03 9654 5596
Email safetyvisitor@aec.net.au, mhvisitor@aec.net.au, bulkexvisitor@aec.net.au
Web thesafetyshow.com.au, sydmaterialshandling.net.au, bulkex.com.au



Innovative loading systems

B&W Mechanical Handling will show how to take efficiency to a new level with innovative loading systems for raw materials.

The B&W Mobile Shiploader, mounted on a single chassis equipped with a travel system allowing both powered in-line and parallel movement, uses an hydraulically adjustable boom with a 360 degree rotational trimming chute. Narrow jetties, unsuitable for more cumbersome fixed or rail mounted shiploaders, are no problem for the B&W.

B&W will also present a Rail Wagon Unloading System for coal and iron ore that uses a heavy duty belt style feeder in a shallow pit beneath the rails, providing major cost savings over conventional 'below rail' hopper systems.

'Total solution'

Ahrens is a fourth generation family business with construction and engineering operations throughout Australia, and a growing reputation as a supplier of materials handling facilities to the mining (and agricultural) sectors.

At BULKEX Ahrens will showcase the Pebco range of loading systems and equipment, and the Famson range of hoppers, conveyors and drive over hopper stackers.

Advanced thermal imagers

Production stoppages due to conveyor failure can be disastrous, but thermal imagers are able to detect impending failure before it occurs by identifying hot spots so corrective action during scheduled production shutdowns can be taken.

Fluke Australia will be exhibiting the latest in its P3 Series thermal imagers, which offer superior image quality and a one-handed easy-to-use interface: with just a push of the thumb, go from straight point-and-shoot to adjusting the focus manually, add picture-in-picture and even add voice comments.

Motor shield

Dust, fine powder, slurry and spillage are the enemy of electric motor drives in bulk handling and process operations.

Kinder & Company will present K-MotorShield motor covers as a simple solution to assist in minimising motor maintenance and service costs.

Australian
EXHIBITIONS
& Conferences

Organised by: Australian Exhibitions & Conferences Pty Ltd
Level 5, 267 Collins Street, Melbourne, VIC, 3000, Tel 03 9654 7773 Fax 03 9654 5596
Email safetyvisitor@aec.net.au, mhvisitor@aec.net.au, bulkexvisitor@aec.net.au
Web thesafetyshow.com.au, sydmaterialshandling.net.au, bulkex.com.au



Kinder will also display its mobile conveyor training rig with motorised head pulleys, belt cleaners, skirting arrangements, impact and standard weight belt supports, belt scales, tru-trac return trainer, safety and belt drift switches and wing/spiral pulleys.

'We manufacture what we sell'

Prime Manufacturing supplies customers across Australia and New Zealand with a wide range of bulk materials handling products, claiming an advantage in the marketplace based on its manufacturing capabilities.

At the Prime stand will be elevator buckets, belts, bolts and fasteners; conveyor belts, impact bars and conveyor rollers; screw flights; conveyor chains and flights, chain sprockets and nylon gear wheels; sieve cleaners and pan cleaners and sieve cleaning balls and engineering plastics.

Vast elevator bucket range

4B Australia will be showing products from three main areas, bucket elevator components, chain conveyor components, and electronic monitoring systems and level controls.

Products include the popular Starco and Super Starco buckets, CC-S and Atlas AA elevator buckets; the patented Bolt n Go forged and round link conveyor chains that require no welding and no need for removal from the conveyor for repairs; and the Watchdog Elite and T500 Elite multi-functional hazard monitoring systems that monitor belt and pulley alignment bearing temperature, belt speed and blocked chute conditions on bucket elevators and conveyors.

Safety systems

At **The Safety Show Sydney**, visitors will learn how to prepare for the new OHS legislative environment, for the changes to processes and procedures, and for what and how information has to be recorded and reported.

The ComOps stand will show Salvus, a comprehensive safety, risk and claims management system that efficiently manages safety processes, mitigating risk, cutting costs and ensuring compliance with legislation, while proactively protecting and driving the business.

Visitors to the Poster Faktory Australia stand will find a unique service, in which posters are supplied and maintained through a dynamic poster exchange system. The posters, catalogued in an extensive library, cover a broad range of issues relating to health, safety and the environment.

Australian
EXHIBITIONS
& Conferences

Organised by: Australian Exhibitions & Conferences Pty Ltd
Level 5, 267 Collins Street, Melbourne, VIC, 3000, Tel 03 9654 7773 Fax 03 9654 5596
Email safetyvisitor@aec.net.au, mhvisitor@aec.net.au, bulkexvisitor@aec.net.au
Web thesafetyshow.com.au, sydmaterialshandling.net.au, bulkex.com.au



Special front-loading, anodized frames are positioned strategically across an organisation's site. Once the frames are installed the posters are changed every six weeks and charged for on an annual fee basis. A free design and print service prepares messages to theme specifications.

Saliva drug detection

A concern at mining sites is an increasing use of recreational drugs and abuse of prescription drugs. When such users are truck drivers, operators of cranes and forklifts, and operators of machinery, the risk of injury, perhaps fatal, to themselves or others is high.

Pathtech Pty Ltd will showcase its Securetec DrugWipe saliva drug detection devices that provide an efficient, reliable and rapid test with the added benefit of portability on-site and a visible result within 10 minutes.

The Teldio stand will feature 'the handshake that saves lives' – an advanced communication link for employee safety that combines two way radio and phone systems for organisations of any size.

The system uses Motorola Digital 2-way Radios (MotoTRBO) and Teldio's RBX+ communication software, to interface the private radio's with the Telstra telephone network and corporate phone systems. Also featured is the ZONITH range of alarm notification and positioning systems. The systems ensure employees, even in remote circumstances, can keep in touch at all times and are assured of a quick response in case of emergencies.

Work wear

Custom Made Clothing will demonstrate how to combine brand image promotion and compliance with safety standards in one easy online purchase of unique, cutting edge 'hi vis' work wear. An innovative new website by Mantra Uniforms and Promotions allows users to customise and purchase a range of safety clothing. Minimum orders start at only 10 garments, and new uniforms can be delivered to the door within 4 weeks (2 weeks for some styles).

From the New Eye Company comes a safety eyewear system that enables users to simply release the scripted lenses from their frames and re-insert them into new protective frames should the need arise.

The system comprises a wrap around frame with fixed lenses and an 'Astralon optical foil' – a flexible plastic inner frame that can be fitted with a person's prescription lenses. The Astralon foil slips into place beneath the outer frames, which take the brunt of any wear and tear or impact.

**Australian
EXHIBITIONS
& Conferences**

Organised by: Australian Exhibitions & Conferences Pty Ltd
Level 5, 267 Collins Street, Melbourne, VIC, 3000, Tel 03 9654 7773 Fax 03 9654 5596
Email safetyvisitor@aec.net.au, mhvisitor@aec.net.au, bulkexvisitor@aec.net.au
Web thesafetyshow.com.au, sydmaterialshandling.net.au, bulkex.com.au



In relation to heavy work boots, Lifestyles Industries Group will present new CarbonMax technology in its Wolverine Guardian Work Boot line. The CarbonMax safety toe is resistant to extreme cold and heat and is 50% lighter than a steel toe, but still offers all the protection needed in harsh work environments, while leaving the wearer less fatigued.

Safe outdoor power

The Safety Show will be the occasion for the release of Powersafe Product's 'Guardian by Powersafe' - the first outdoor IP66 rated portable electrical distribution board of its kind in Australia.

Complete with RCD/MCB protection and an earth screened lead, it is the only board of its size safe for outdoor use. Powersafe will also show an extensive range of electrical safety products.

One of the best first aid kits will be exhibited by Survival Emergency Solutions, which has sold two million copies of the *Emergency First Aid Handbook*. Visitor will see the new 'Handy' First Aid Kit and a new 'Workplace' First Aid Kit. They should also ask about the free First Aid iPhone application.

Efficient materials handling

At the **Sydney Materials Handling** exhibition, Clark will present exciting green innovations with a series of extremely efficient 80 Volt electric forklifts, like the GEX, with pneumatic or super-elastic tyres and a four-wheel forklift that uses two drive motors, 100 per cent AC technology and maintenance-free oil immersed multiple-disc brakes. Another energy-efficient newcomer to go on show will be the electric tow tractor CTX 40/70.

Pallet racking protector

VisiPro will showcase the VisiPro™ high visibility pallet racking upright protector, designed to reduce the damage resulting from impacts caused during loading and unloading of racking. VisiPro uses a simple clipping system to ensure fast installation, and has a narrow width so as to provide protection without reducing the clear entry of the pallet into the racking bay. It is coloured in a high visibility fluoro yellow and injection moulded from a high impact plastic compound that distributes the collision load to an internal energy absorbing pad.

Heavy duty vacuum cleaner

Hilton specialises in hard-wearing, high performance vacuum cleaners for tough environments like the Christchurch earthquake cleanup where fine and difficult materials are encountered.

Australian
EXHIBITIONS
& Conferences

Organised by: Australian Exhibitions & Conferences Pty Ltd
Level 5, 267 Collins Street, Melbourne, VIC, 3000, Tel 03 9654 7773 Fax 03 9654 5596
Email safetyvisitor@aec.net.au, mhvisitor@aec.net.au, bulkexvisitor@aec.net.au
Web thesafetyshow.com.au, sydmaterialshandling.net.au, bulkex.com.au



Hilton's dual filtration system incorporating the latest cyclonic technologies provides maximum separation with minimal maintenance, using filter technology developed to remove radioactive dust from plant exhausts without redistribution.

All these products, services and much more can be seen at Bulkex, The Safety Show Sydney and Sydney Materials Handling.

Tuesday 25 October 2011 10am - 5pm
Wednesday 26 October 2011 9am - 5pm
Thursday 27 October 2011 9am - 4pm

Venue

Sydney Showground, Sydney Olympic Park

thesafetyshow.com.au

materialshandling.net.au

bulkex.com.au

Released by Nigel Dique
*on behalf of **Australian Exhibitions and Conferences Pty Ltd.***
Tel.: 0423 024819. nigeldique@me.com

**Australian
EXHIBITIONS
& Conferences**

Organised by: Australian Exhibitions & Conferences Pty Ltd
Level 5, 267 Collins Street, Melbourne, VIC, 3000, Tel 03 9654 7773 Fax 03 9654 5596
Email safetyvisitor@aec.net.au, mhvisitor@aec.net.au, bulkexvisitor@aec.net.au
Web thesafetyshow.com.au, sydmaterialshandling.net.au, bulkex.com.au