



WELCOME

Welcome to the Winter edition of XLERPLATE® *Steel In Touch*.

In this issue we bring you the latest news on developments in the industry, XLERPLATE® steel product updates, and announce some of our monthly prize winners in the 'Backing the Aussie Spirit' campaign.

We also introduce you to the advantages of using our online business portal, Bluescopesteelconnect.com™ which provides instant access to 12 months' data history, allowing you to cost-effectively and efficiently transact

with BlueScope Steel 24 hours a day, seven days a week. See page 2 for details.

We include a 'Tech Talk' section addressing technical queries relating to XLERPLATE® steel.

As always, we welcome your feedback and on behalf of the BlueScope XLERPLATE® steel team, thank you for your continued support. Happy reading!

Elly Pilkadaris
State Sales Manager - Western Australia

GOLDEN OPPORTUNITY FOR WA MINING EQUIPMENT FABRICATOR

Riding the wave of the mining and resources boom, Western Australia's JV Engineering has landed a major contract for the \$1.8 billion Boddington Gold Mine (BGM) Expansion Project.

The BGM project involves building a new processing plant to retrieve gold and copper ore from 'basement' rock beneath the company's depleted oxide pits at Boddington, 130 kilometres south-east of Perth.

JV Engineering, which specialises in steel fabrication and construction for the mining industry, won a contract to fabricate a copper-gold flotation circuit for the new plant.

The circuit will include 30 flotation tanks and associated componentry, and will be built using



JV Engineering's flotation tanks at Telfer Mine.

more than 1000 tonnes of XLERPLATE® steel.

Each tank weighing about 35 tonnes will be fabricated from Grade 250 XLERPLATE® steel, and componentry will be fabricated from Grade 350 XLERPLATE® steel.

"We're also manufacturing top-of-tank bridges from

rolled structural steel sections to hold the componentry in place and provide workers with access to it," JV Engineering's Director Peter Robbins says.

JV Engineering began fabrication work at its Welshpool workshop in July 2006, and is expected to finish the job in early 2008. BGM is expected to start production later that year.

"The greatest challenge we face with large contracts like this is meeting the delivery deadline," Mr Robbins says. "We use XLERPLATE® steel because we know we can rely on BlueScope Steel's supply chain and the quality of the products."

Established in 1995 by Directors Peter Robbins and Norm Peter, JV Engineering employs approximately 50 people.

The company's extensive job portfolio of specialised mining equipment includes fabricating flotation tanks for Newcrest Mining Ltd's Telfer Mine in northwest Western Australia, and fabricating processing equipment for the Olympic Dam in South Australia.



XLERPLATE® AUSSIE SPIRIT WINNERS

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BACKING THE AUSSIE SPIRIT WINNERS

Entries have closed for the XLERPLATE® steel “Backing The Aussie Spirit” Campaign.

The final monthly prize and grand prize draws – three overseas trips to an international sporting event, valued at \$15,000 each – were drawn in the first week of June.

We'll show you some of the winners in the next edition of XLERPLATE® *Steel In Touch*, along with some overall campaign results.

Some of our monthly prize winners include:

- Australian Made winner – Nick Woodward – JFK Engineering, WA
- Speed of Delivery winner – Peter Higgins – W. E. Smith, New South Wales
- Diversity winner – Tom Mikac – Surdex, Victoria



Nick Woodward



Peter Higgins



Tom Mikac



A car-dumper hopper fabricated by JFK Engineering for Rapid Growth Project 3.

MINING WORK STRONG FOR JFK ENGINEERING

West Australian company JFK Engineering is fabricating mining equipment for BHP Billiton's Rapid Growth Project 4 in the Pilbara region.

The company is fabricating three car-dumper hoppers made from 260 tonnes of XLERPLATE® steel, which it expects to finish in late June 2007.

“The hoppers are eight metres high, eight metres wide, and eight metres long, and taper to four metres wide and six metres long at the bottom,” Project Manager Nick Woodward said. “They weigh about 90 tonnes each without lining.”

JFK Engineering has also recently delivered five surge bins and two feed bins to BHP Billiton's Mining Area C development in the Pilbara region. The company was contracted to undertake both projects by Monadelphous.

“We fabricated the bins from Grade 250 XLERPLATE® steel,” Mr Woodward said. “They're six metres high, six metres wide and five metres long.”

Established in 1969, Perth-based JFK Engineering now employs 60 people and specialises in general construction, mostly for the mining industry.

“We can undertake 15 to 20 projects at any one time, depending on the size and delivery times, at our 7000-square-metre workshop at Maddington,” Mr Woodward said. “We're in the process of

expanding two of our bays to provide an extra 1500 square metres of undercover area.

“It will provide more room for our CNC plasma machine and general processing.”

JFK Engineering's clients include Monadelphous, Voest Alpine and Outokumpu.

“Outokumpu, a design and project management company based in Sweden with offices in Perth, has contracted us to fabricate ball mills and bearing housings,” Mr Woodward said.

Ball mills, used in all mines, are rotating horizontal cylinders containing steel balls that crush ore.

JFK Engineering has also fabricated ball mills for Telfer gold/copper project and Ravensthorpe nickel project in Western Australia, and Granites Mine in the Northern Territory.

“We fabricate the ball mills from Grade 250 and 350 XLERPLATE® steel in thicknesses ranging from 25 to 110mm,” Mr Woodward said.

JFK Engineering also uses Bisalloy Steel's Bisplate® 400 and 500, made from BlueScope Steel green-feed plate, to fabricate buckets and dump truck tubs for the mining industry.

The company sources its steel through distributors OneSteel Steel and Tube and Smorgon Steel.

BLUESCOPESTEELCONNECT.COM™ BENEFITS BUSINESS

XLERPLATE® steel customers can experience easier, faster and more cost-efficient transactions by using BlueScope Steel's online business portal, bluescopesteelconnect.com™.

The service is online 24 hours a day, seven days a week. Customers can place orders, view outstanding order details, order status and despatch details, as well as view invoices, adjustments and statements.

The portal also allows XLERPLATE® steel customers

to obtain 12 month data history records, helping to identify order pattern trends and analysis.

“Bluescopesteelconnect.com™ can reduce customers' procurement-to-pay process from hours to minutes,” BlueScope Steel Electronic Trading Manager – Marketing Tony Hart said.

XLERPLATE® steel despatch details can be instantly accessed, allowing customers to search for up to 12 months of despatch advice history. This provides customers with the ability to

instantly reconcile invoice-to-receivables and identify inconsistencies.

Test certificates can be viewed, reducing customer filing, storage and retrieval costs. More than 15 years of test certificate history is also available.

Membership is open to all BlueScope Steel customers by simply going to www.bluescopesteelconnect.com, completing the registration form, and having it signed by their BlueScope Steel Account Manager.

TECH TALK - XLERPLATE® STEEL EDGE CONDITION

When ordering pattern plate it is very important to be aware there are two types of edge condition, trimmed and untrimmed.

Trimmed edge is produced by shearing or gas cutting the 'as rolled' longitudinal edges from the plate. Untrimmed edge (also referred to as 'Mill edge') retains the 'as rolled' longitudinal edge.

It is recommended that untrimmed edges should not be used directly in any fabrication. Untrimmed plate should be re-squared prior to use, and it is recommended that equal trim be taken from each edge.

If you would like further information, please contact our XLERPLATE® Customer Service group or your BlueScope Steel sales office.



EXAMPLE:

Untrimmed plate should be re-squared prior to use, and it is recommended that equal trim be taken from each edge.



Anglo Coal Australia's dragline will be similar to this.

BUCYRUS AUSTRALIA'S WORLD-FIRST DRAGLINE

Bucyrus Australia has won a 23-month contract to supply a 5,600 tonne electric walking dragline to Anglo Coal Australia.

The Bucyrus 8750AC is the first fully AC (alternating current) conventional drive dragline built by the company.

"Latest technology is critical for a machine that has a working life in excess of 30 years," Bucyrus Australia Sales and Marketing Manager Larry Slattery said. "We won the contract because the AC drive system in the Bucyrus 8750AC will make the dragline more productive, less expensive to operate, and quieter and easier to maintain."

Bucyrus International and its partner Siemens Energy and Automation pioneered AC drive systems almost 30 years ago. The AC drive system has become the preferred technology for heavy equipment in surface mining.

The Bucyrus 8750AC has been commissioned for Anglo Coal Australia's Lake Lindsay Project in Central Queensland near Middlemount, and is expected to be operational in August 2008.

The dragline's bucket will have the capacity to remove 168 tonnes of overburden from the mine. Its combined drive systems for the hoist, drag, swing and walking motions will have more than 37,500 applied horsepower.

Work started on the walking dragline in September 2006. The design, fabrication and construction processes are being carried out simultaneously because of the machine's size.

"Bucyrus International is doing the design drawings, and the majority of fabrication work is being done at our Brisbane supplier workshops, with fabricators in Gladstone and Mackay assisting on the project," Manager of Special Projects Geoff

Hoffman said. "We are working to a strict timetable, scheduling various parts of the machine – involving steel sections, forgings and castings – to allow us to fabricate offsite, then deliver and assemble those parts on-site."

The project is expected to require about 3,500 tonnes of XLERPLATE® steel, supplied by distributor OneSteel.

"The project's scale and deadlines mean we rely on our close working relationships with BlueScope Steel and OneSteel to ensure XLERPLATE® steel can be delivered to multiple fabricators at specific times," Mr Hoffman said.

"The surface finish and material properties of XLERPLATE® steel are always of a consistently high quality, and we can rely on their flexibility of supply, which is critical for structural steel work, mechanical components and replacement parts.

"The quality of BlueScope Steel products is second to none – the manufacturing processes always meet our specific test requirements."

There are more than 70 Bucyrus draglines operating in Australia, with Bucyrus Australia designing and manufacturing the second largest dragline in the world – the 6,745-tonne Bucyrus 8750 dragline – for Ensham Resources last year.

"The boom length of Anglo Coal Australia's dragline will be the same, but the lifting capacity of the bucket will be less," Mr Hoffman said.

Bucyrus Australia Service, Engineering and Parts will provide ongoing machine support through its regional headquarters in Mackay.

Bucyrus International is the world's leading manufacturer of walking draglines, electric rope shovels and rotary blasthole drills. It has manufactured 90 per cent of the draglines in use around the world.

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IN THE HOT SEAT TONY HART

(who features in page 2 story, Bluescopesteelconnect.com™
Benefits Business)

Name: Tony Hart

Job title: Electronic Trading Manager – Marketing

Number of years with BlueScope Steel:

37 (pew that's a long time)

Number of years in the steel industry: 37

Description of current role: To develop e-solutions for all facets of customer transactions

What I like most about my job: The constant development and change of technologies and how BlueScope Steel can best apply it

Time spent on the phone each day:

Probably 1-2 hours

Emails received on average per day: Oh the bane of my life – anywhere between 30 and 60

Man / woman I most admire: All of my past colleagues who have made their retirement successful

Craziest thing I've ever done: Too embarrassed to repeat!

Earliest childhood memory: Trying to ride paddy calves belonging to the local farmer

What kick-starts my day: The damn alarm clock

Best invention of the last century:

The internet

All-time favourite song: Bat Out of Hell by Meatloaf

Worst television program: Big Brother

Hardest habit to break: Wanting to spend more time with my horses

Favourite food: Can't beat a good, thick rib-eye steak

Best car on the road/favourite car of all time: Favourite car of all time was my HR Holden Panel Van – had a blast with that vehicle

My pet hate: Tail-gaters when driving

I spend most weekends... Riding horses, catching up with family and friends, and mowing lawns

If I had \$1m to blow it would be on... A nice rural property

If I could have one person over for dinner, it would be... That's a tough one because there are so many interesting people in the world – Bill Clinton would be one of them

Favourite holiday destination ever: Toss up between the Greek and Cook Islands



ANYTHING BUT STEEL

A snapshot of some of the world's more exotic foods shows that Australians who've eaten witchety grubs look tame.

Breakfast in Hungary could consist of pig's blood with scrambled eggs, especially at the start of the pig season when killing the first pig is considered a feat!

In Spain, squid sandwiches are typical lunchtime fare, with the squid fried and served between two slices of fresh bread.

Typical Mexican snacks might include tacos sesos, made from cows' brains, while in Ecuador you could be served cuy – a guinea pig-like creature often spit-roasted.

Asian fare includes smoked bats, said to look like

skeletal brown mice and taste like beef jerky (Indonesia), tarantulas (Cambodia), scorpions (Vietnam) and seahorses (China).

Meanwhile, in the US, some restaurants serve corn smut, a purple-coloured fungus that grows on corn. Its 'velvety body' is said to be a great soup flavouring.



BLUESCOPE STEEL FORUM BREAKFAST

BlueScope Steel recently held its third Steel Community Forum Breakfast in Perth.

The networking event was held at Kings Park Function Centre, Fraser and featured guest speaker Martin Grunstein, one of the country's most popular sales and marketing coaches.

"Martin was entertaining, and provided our

customers and staff with great sales tips they can apply to all industries," State Sales Manager Elly Pilkadaris said.

Elly was among 30 attendees, including National Sales Manager – Distribution and Manufacturing Stan Clark and a handful of key interstate Australian Manufacturing Markets (AusMM) representatives.

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