

OCTOBER – DECEMBER 2003

COMPANY – INDUSTRY NEWSLETTER

Dear Customers and Staff,

We hope everyone had a very enjoyable Christmas and New Year, we should all be rested and ready for a big 2004. The results to the end of 2003 were excellent and we look forward to building on that well into the future. 2004 will be an exciting year for Interlloy, we have new buildings either underway or in the pipeline, expansion plans underway and new staff joining the team. We will expand on these in future issues.

Perth Branch are keenly awaiting the completion of their new building in Henderson, approx 25km south of Perth, we have purchased a 1.4 Hectare site which will house a new 3500 sq metre Warehouse / Office complex (with potential of additional 2500 sq metre expansion). This will be finished in the second half of 2004.

We are pleased to announce the appointment of Mr Les Bentley to the position of North Queensland Manager. We welcome Les on board and wish him well in this new role, we will also see Les in Profile in the next issue.

Congratulations to Daniel and Toby Whyte from Perth Branch on the arrival of their second child Harry, brother for Sam.....see page 3. Mother and children doing well, not so sure how Dad's going!!!

Peter Egan, Melbourne Representative, has announced his retirement and will leave us in February. Peter will settle in Sydney where most of his family live and plans a bit of harbour activity to keep him active, you may even see him on the bowling green. Peter has been with Interlloy for 4 years, we thank him for his contribution over that time, particularly for his expertise in the Hydraulics area, and wish him all the best in retirement. Just make sure you get a big enough boat to take on all the freeloaders.

Matthew Sheehan will take over from Peter as Area Representative, Matthew has been with Interlloy for 5 years on Internal Sales and we wish Matt all the best in his new role.

And finally, the footy season is almost back. Its been a long haul, the only salvation being the Rugby World Cup which kept us going till the end of November. Congratulations to the English Team (that's only for the English readers) and didn't the Wallabies do Australia proud.

The Editor

Visit us on www.interlloy.com.au

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Contributions and suggestions to the
Editor at info@interlloy.com.au or
P.O. Box 286, Mt Waverley Vic 3149

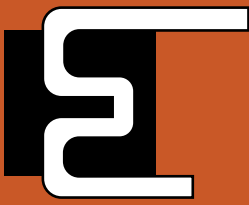
VIC 03 9562 6555

NSW 02 9824 5252

QLD 07 3489 5333

SA 08 8244 7111

WA 08 9453 1444



EMPLOYEE PROFILE

Adam Blewden

Adam joined Interlloy in May 2003 and brings with him a strong knowledge of the steel industry. Adam is currently studying business management and enjoying his position within the NSW Sales team.

Interests: His girlfriend Amy, soccer, rugby and fast cars.



Adam Blewden

Michelle Saffell

Michelle joined the Sydney Interlloy accounts team in November 2003 after completing her H.S.C. She is planning to study next year and is looking forward to gaining valuable office experience at Interlloy.

Interests: rock climbing, animals, cars, computers and her boyfriend Matt.



Michelle Saffell

Kirstee Kato

Married: Amos

2 children: Luke and Isabella

Kirstee joined the Sydney branch in August 2003. She has previously worked as an accounts clerk in the engineering industry and is currently studying a certificate in Accounting.

Interests: music, reading, yoga and socializing.



Kirstee Kato

Trevor Day

Married: Teresa

3 Children: 21 Month old Twins, Tayla & Aylx and 8 week old Caitlyn

Trevor and his family relocated to Brisbane from New Zealand earlier this year and he started with Interlloy in September. Trevor worked at Fletcher Easy Steel, Rotorua for eight years prior to his move to Australia.

Interests: Before the twins arrived Trevor used to be a keen mountain biker.



Trevor Day



Richard Love

Married: Tracey

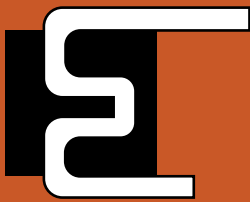
1 Child: Vincent

Richard joined the Brisbane Interlloy Internal Sales team in October 2003. He has previously worked as a storeman for a sheetmetal workshop before being promoted to Purchasing Officer. He has settled in well as a new team member and will also be a valuable asset to Interlloy.

Hobbies: Spending quality time with his family, BBQ'S with friends and family, Sony Playstation and watching movies.



Richard Love



STAFF AND EVENTS

CONGRATULATIONS

BIRTH

A baby boy to Daniel and Toby Whyte, Harry Whyte was born 19 November 2003 at the Mercy Hospital Perth.



WEDDING

12th October 2003 in Brisbane, Gary Kelly did make it down the aisle. Gary and Roz celebrated their wedding day with family and friends on the Gold Coast. Please note Gary's happy face and wind-swept hair.



Also Interlloy Perth has entered a team into an Indoor Cricket comp called "TIN MEN". They have been partially sponsored by Interlloy (for the shirts) but generally its the love of the game that keeps them going.

With the help from some of our relatives and people connected to the staff in Perth the TIN MEN have played 3 lost 3 !!! But things are looking up as we can only get better .



CHARGRILLED VEGETABLE SALAD

Ingredients

2 Capsicums (red)	10 Mushrooms
1 Eggplant	2 Zucchini
Sundried Tomatoes	Olives green or black

Method:

Heat BBQ and blacken the skin of the capsicum and allow to cool. Then peel away black skin and slice into strips put into serving bowl. Slice mushrooms and toss on BBQ with good olive oil. Slice egg plant length ways and cook on BBQ with oil, same for the zucchini. Put all cooked ingredients into serving bowl with capsicum and add sundried tomatoes and olives add salt and balsamic vinegar to taste and serve with meat.

BIRTHDAYS

We wish staff who had birthdays in the last three months all the best wishes.



OCTOBER

Claudio D'liario (NSW)	Michelle Saffell (NSW)
Garry Wilson (NSW)	Peter Moore (Vic)
Jason Henley (Vic)	Ron McHutchinson (Vic)
Sandra Ivone (Vic)	Stephen Weston (Vic)
Steve Turner (Vic)	

NOVEMBER

Bountong Vongratsaval (NSW)
Glenn Fitzgerald (Vic)

DECEMBER

Andrew Haw (Vic)	Michael Bangit (Vic)
Nicholas Powers (W.A.)	Peter Egan (Vic)
Richard Love (Qld)	

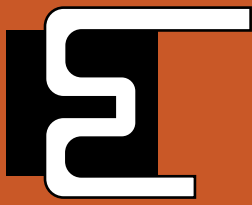


QUICK QUIZ (Answers on page 4)

1. The Victoria is the longest river in which Australian state or territory?
2. What is composer Peter Dodds McCormick's best-known song?
3. In what game might one be "stymied"?
4. Is a carboy a large glass bottle, a valet parker or a small anchor.
5. The suburb of Fountain Lakes is the setting for which Australian TV series?
6. In which television series was Benjamin Franklin Pierce the main character?
7. A frogmouth has feathers, fins or fur?
8. The letters HB on a pencil stand for?
9. Japanese scientists have announced plans to clone what prehistoric animal?
10. Eldrick is the real first name of what prominent golfer?

QUOTE FROM THE SALES DESK

"You can't change the past but you can shape the future".



WEAR RESISTANT MANGANESE PLATE

History

A.R. Hadfield discovered in 1883 that a 12-14% Manganese and 1.2-1.4% Carbon Alloy has unique properties compared with other alloy steels. The 10:1 ratio of manganese to carbon content following rapid quenching in water after solution heat treatment at 1000 to 1100°C, fully retains its austenitic structure at room temperature. When the austenitic structure is hit or crushed, the mechanical energy input changes the surface structure into martensitic carbides. Wear by impact or pressure hardens the surface between 1 to 3mm deep up to 600 HV, while the tough core retains its elasticity at 170 to 250 HV.

The hardened surface continuously renews itself under abrasive wear, making this special steel ideally suited for all applications where impact or pressure combine with abrasive wear.

Analysis and Description

Grade	Typical Analysis (average%)		Standards	SIS	UNI	JIS
DIN1.3401	C 1.23	Mn 12.5	X120Mn12	2183	X120Mn13	SCMnH1

Special wear resisting hard manganese steel featuring high toughness and excellent weldability which acquires its working hardness (surface hardness up to 600 Vickers) by strain hardening, thus being particularly suited for applications involving wear by impact or pressure.

Mechanical Properties

In the quenched condition:

- Brinell Hardness approx 200 BHN
- Tensile Strength 800-1000 N/mm²
- Yield Strength Min 350 N/mm²

Welding

DIN1.3401 steel is readily oxy cut and can be welded using either austenitic manganese or austenitic manganese-nickel steel electrodes or 18/8 stainless electrodes.

Machinability

Due to its susceptibility to strain hardening, certain difficulties may arise in machining this steel grade. The material can be drilled successfully by using special 12% cobalt drills with the drill cutting edge ground to an included angle of approximately 125°C and the flute edge ground flat or with slight negative rake of approx 2°C. A straight cutting oil has been proved a good cutting medium. Cutting speed, dependent on drill size, should be approx 6-8 m/min, with a feed of 0.1-0.2 mm/rev.

Standard Applications

Liner wear plates in crushing equipment, ore chutes, crushing roll shells, railway rolling stock axle box liners, reinforcement panels in strongrooms, safes etc.

Special Applications

Sheet and plate for railway under carriage, such as:

- Bogie Turntable (slide plates)
- Pivot Bearing
- Axle Bearing Guide
- Buffer Plate
- Support Plates

Quick Quiz Answers

1. Northern Territory
2. Advance Australia Fair
3. Golf
4. Large glass bottle
5. Kath & Kim
6. M*A*S*H* (Alan Alda played Pierce).
7. Feathers
8. Hard Black
9. Woolly Mammoth
10. Tiger Woods