

# BLAST FROM THE PAST!



## Construction of the Tall Stack - 70's



In 1979, the Tall Stack was commissioned, standing 205 metres tall. It has since become a landmark of Port Pirie. The structure is supported on piles, which are each approximately

25 metres long. The concrete base is three metres thick with eight ribs, each having eight prestressing cables. These cables carry 375 tonnes tension. The internal brick lining consists of approximately 350,000 bricks and the length

of electric wiring totals approximately eight kilometres.

Other details of the stack include:

### Concrete:

In Base = 1,427 m<sup>3</sup> (3425 tonnes)

In Shell = 3,651m<sup>3</sup> (8562 tonnes)

Total = 5,078m<sup>3</sup> (11,987 tonnes)

### Reinforcements:

In Base = 161 tonnes

In Shell = 194 tonnes

Total = 355 tonnes

We'll be 120 years old on the 27th June and to celebrate, each edition of Tall Stack Yak will feature a bit of a "Blast from the Past" from the history of the Smelter. So if you've got any great photos tucked away, time to bring 'em out! and pass them on to us at Stakeholder Relations.

## Think before you dump!

Incorrect disposal of material can lead to fires in rubbish dumpers or at the landfill.

Here are a few tips to ensure that your waste disposal doesn't cause an environmental incident:

- Always rinse out containers before placing them in the dumper
- Don't put hot material in the dumper
- Oil and other liquids don't belong in the dumper

And remember:

- Wooden pallets should be taken to the Recycling Yard
- Used oil should be collected in drums then taken to the Oil Store (sign in via Stores)
- Cages are located around site for cardboard recycling



## NOW YOU CAN LEARN TO PLAY BRIDGE

Bridge is fun, challenging and can grab you for life! The Port Pirie Contract Bridge Group will be holding a FREE introductory session of mini bridge on:

**SUNDAY 22ND February 2009**

**at the  
PORT PIRIE RSL CLUB  
THE TERRACE, PORT PIRIE  
from 1.00pm - 4.30pm**

For more information contact us on phone: 8633 3827 or Email: shakyi1@bigpond.com or contact Brian Kretschmer on ext 1378



## 2008 in Review

While there were many challenges for the site in 2008, there were also many significant highlights. The most pleasing of these is the tremendous result achieved with our safety performance in relation to Lost Time Injuries. The site has not recorded an LTI since July 2008. This is an outstanding result and one that we should all be proud of. Ensuring we were LTI free for the last 6 months of the year meant that we met our target of no more than 5 LTIs for the year. This is the best result ever on record. Achieving this result would not have been possible without your diligence in relation to your own and your work mate's safety.

I encourage all of you to work to continue this terrific result; what an achievement it would be to get to our 120th celebrations in June without an LTI for 12 months! While we met our LTI target, we fell short by seven Recordable Injuries against our 2008 target. This is a new Injury Classification for the site; 50% of these injuries were related to sprains and strains, things that are certainly avoidable.

Our safety targets for 2009 will be released shortly. These are in line with our site goals and a business requirement to continue to improve our safety performance.

During the year employee blood lead levels also continued to fall, with the current site average at the end of December just 16.0 µg/dL. This is the lowest result ever recorded. This improvement is a result of an increased focus on personal action plans, but also an ongoing commitment by our employees to ensure high personal hygiene standards. Ongoing diligence by

employees around emission reduction was also a contributing factor to this significant improvement, as were the many ongoing site capital tenby10 projects.

2008 was a tremendous year for the tenby10 project with children's blood lead levels falling significantly. SA Department of Health data shows at least 68% of the children 0-4 years in Port Pirie had blood lead levels below 10 µg/dL. Furthermore, all months in 2008 except one significantly improved on the equivalent months in 2007. These are extremely pleasing results and an indication of the positive impact lead emission controls and lead exposure reduction initiatives are having on site and in the community.

Total metal production in 2008 was 7% above budget for the year, another excellent result, and one that reflects a concerted effort by all site personnel to deliver on the sites production commitments in Nyrstar's first full year of operation. I know that meeting this year's production targets is already a focus across the site, as is ensuring we absolutely meet our cost budgets.

2009 will be a challenging year, however we have demonstrated our capabilities and preparedness to meet these challenges head on. It is critical we start the year strongly; not meeting our budget or production targets at the beginning of the year because our focus was elsewhere will only ensure the site comes under additional pressure and scrutiny. I ask all of you to do what ever you can to ensure we deliver our commitments. With this in mind, I feel very optimistic about 2009 and confident our team will achieve many great things again this year.

- Matt Howell, GM.



## Vac Student Reflection

The 2008/09 Vacation Student Program is drawing to an end. Leaving us on Friday 23rd January is: Emily Zubrinich (Rehabilitation), and Ella Camporeale (Environment). Cara Murolo (Finance) will be leaving us on Tuesday 27 January. On Friday 30 January we say goodbye to Kirby Mackrill (Human Resources), Ashleigh Crouch (Safety), Michael Klinger (Refinery), Samuel Kretschmer (Analytical), Rebecca Slade (Stakeholder Relations), Camron Slessor (Energy Efficiency Project), Byron Dietman (Environment) and George Korriotakis (Health).

Three of the Vacation Students shared their thoughts about their time on site and how they enjoyed their time with the Nyrstar Vacation Student Program.



**Ella Camporeale** said "This summer's Vacation

program has been a rewarding experience for me as a third year uni student. I have been provided with the opportunity to work in a

team environment, with friendly and helpful staff. I have found my project work, as well as other assignments I've been given to be interesting, and have gained knowledge in various programs and aspects of the smelter. A very worthwhile experience!"



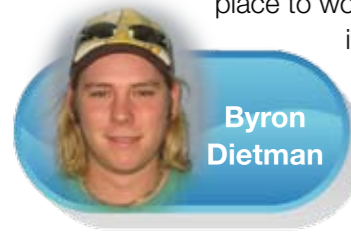
**Rebecca Slade** reflects, "The

Vacation Program is a great opportunity for us to gain hands-on experience in different fields. This

year my project was different than the last, which allowed me to gain experience in different areas.

Once again it provided us with a great place to work and learn - Everyone

is always really friendly and helpful."



**Byron Dietman**

**Byron Dietman** told us "This years vacation work

again has been both a great experience and opportunity for me. This is my 4th time working at the Port Pirie Smelters, with each year working on a different project. The projects I have worked on are: The PC Rollout in 04/05 with the IT Team, the Lead in Soil Survey in the Port Pirie Community for Tenby10 in 06/07, Collation of Environmental Data and Groundwater in 07/08 and this time round, I have been working on the wastewater from Blast Furnace and Slag Fumer Saltwater Granulation for the Environment Team. Working with the Environment Team has been an absolute pleasure and has provided excellent hands on experience for my degree being Geology/ Geophysics/Environmental Geoscience as now I have a total of 8 months experience working in this area. I have seen this site change hands from Pasmenco to Zinifex to Nyrstar, and this site has proven how successful it is and how important it is to the local community.

Thank you to everyone who has helped in some way making the vacation work enjoyable, exciting and most of all rewarding."

We would like to thank all the students for their efforts and dedication and wish them the best of luck for their future.



**Farewell to Richard Arnold**

- INSTRUMENTATION TECHNICAL OFFICER. Commenced on 19th April, 1995. Left site 9th January 09



**Farewell to Rohan Clark**

- ZINC DUST OPERATOR. Commenced 4th February, 1985. Left site 20th January 09

### "HOW ARE WE GOING?..."

as at 31-Dec-08	YEAR TO DATE		ANNUAL PLAN
	ACTUAL	PLAN	
<b>LEAD (t)</b>	220,462	206,238	206,238
<b>ZINC (t)</b>	34,773	37,091	37,091
<b>COPPER (t)</b>	3,555	4,000	4,000
<b>SILVER (kg)</b>	444,370	437,667	437,667
<b>ACID (t)</b>	73,647	80,045	80,045

## Could you use a Fire Extinguisher if you needed to?

A Fire can happen at anytime, anywhere, and without warning. If you are required to use a Fire Extinguisher it is very important that you react quickly and competently. The first step in putting out a fire is identifying and classifying the fire. Different types of fires need to be extinguished in different ways. **It is critical that the correct Fire Extinguisher is selected for the specific type of fire.** Fire Extinguishers can be considered the "first line of defence" when personnel are confronted with an incident involving fire.

See following examples of fire classification and extinguisher types.

### Fire Classification

**CLASS - A :** Ordinary Combustibles eg: Wood & Paper

**CLASS - B:** Flammable Liquids eg: Paint & Petrol

**CLASS - C:** Flammable Gases eg: LPG & Natural Gas

**CLASS - D:** Combustible Metals eg: Magnesium & Lithium based metals

**CLASS - E:** Fire involving Live Electrical Equipment eg: Computers & Toasters

**CLASS - F:** Oil & Fats eg: Vegetable oils & Animal fats.

## Book Your Training

If you were required to use a Fire Extinguisher in an emergency would you be able to? Would you know how to activate a Fire Extinguisher or how to ensure it to make sure the fire was extinguished?

Fire Extinguisher Training will be conducted on site on Tuesday 10th February in training room #3 in the Main Administration building. Please consider doing this training - you never know when you will be required to use a Fire Extinguisher.

To register your name go into: Billboard/Human Resources/Training & Developing/Training calendar. The training, which includes practical hands on experience, goes for approximately 2 hours.

## Australia's Healthy Weight Week 25th - 31st January 2009

**We hear so much about the increasing number of overweight Australians, but its not just about weight, Australia's Healthy Weight Week is about Australians committing to eating better, feeling better and moving more to improve their health! Successful weight loss needs a life-long commitment by individuals and families to be regularly active and make healthy food choices.**

### Healthy eating means choosing:

- 2 serves of fruit and at least 5 serves of vegetables everyday
- To eat breakfast every day
- Wholegrain breads and cereals
- Reduced or low fat dairy foods
- Lean cuts of meat
- Water as your main drink
- Healthy snacks and limiting high kilojoule and high fat foods

### It is also essential to remember to move more and this means:

- Being physically active for 30-60 minutes each day
- Enjoying a variety of physical activities
- Being active as part of your daily routine: walking to work, taking the stairs, parking further away at the shops
- Spending less time sitting watching the TV or playing on the computer

For more information visit [www.healthyweightweek.com.au](http://www.healthyweightweek.com.au) or contact Dan Wakelin at the Nyrstar Health & Well Being Program on x1242 or email [PPHealthWellBeing@nyrstar.com](mailto:PPHealthWellBeing@nyrstar.com).