

STATE-OF-THE-ART

Pacific National Coal officially opens new state-of-the-art \$180m Nebo Train Maintenance Facility in regional Queensland.

Asciano's coal haulage division, Pacific National Coal, today officially unveiled its new state-of-the-art train maintenance and provisioning facility at Nebo in regional Queensland.

At a joint launch with the Isaac Regional Council and 150 guests, Pacific National said its \$180 million new Nebo Maintenance Facility will support its coal haulage operations and further increase the efficiency of its coal haulage services in the Goonyella, Blackwater and Newlands rail systems.

The five kilometre long facility will enable the provisioning and maintenance of Pacific National trains to ensure their reliable and efficient operation with a range of functions performed, including the refuelling of trains, routine train inspections and wagon and locomotive maintenance work. "Nebo is the first facility of its design in Australia and includes some of the most innovative design and maintenance techniques seen within the rail industry today, with capacity to support up to 25 coal trains, with eight bays for locomotives

and two main tracks for wagon maintenance," said Mr Geoff Featherstone, General Manager Operations QLD, Pacific National Coal. As the fastest growing coal haulage operator in Queensland, Pacific National Coal currently transports export coal to the Dalrymple Bay Coal Terminal, the Port of Gladstone and Port of Abbot Point under contracts with customers including Xstrata, Rio Tinto, Macarthur Coal, Anglo American, Middlemount, Bowen Central Coal and BHP Mitsui Coal (commencing on 1 January 2013).

Pacific National Coal Director, Mr David Irwin said, "The construction of the new train maintenance and provisioning facilities at Nebo is a significant milestone in Pacific National's long term investment in Queensland's coal haulage market to support the needs of our customers.

"With Queensland coal exports expected to grow strongly, Pacific National's investment is critical to delivering the most efficient, effective and sustainable coal haulage services.

"Importantly, we have created 322 full time jobs, including 220 throughout the construction period, a further 65 new trainee train driver and fully qualified train driver positions and other ongoing maintenance and administrative

positions. We invite anyone who is looking for a career with great prospects to come and speak to us," he concluded.

Planning for the new train provisioning and maintenance facilities at Nebo commenced in early 2010 and included consultation with key stakeholders and community members to ensure minimisation of potential environmental, noise and land impacts. The design and construction was carried out under an alliance between Pacific National Coal and Abigroup Contractors (construction and project coordination), BG&E (design) and QR National (design and construction of track).

The facilities have also been designed to interface with QR National's rail network and a Connection Agreement has been negotiated with QR National to ensure the efficient integration of the facility with the existing network.

Asciano Chief Executive Officer and Managing Director, Mr John Mullen, said, "The successful ramp-up of our operations in Queensland, and now the launch of our productivity enhancing Nebo Train Maintenance Facility is a testament to our Queensland workforce and management team, and reinforces our ability to deliver on our Queensland coal strategy.

"We look forward to our continued collaboration with the Isaac Regional Council, the Queensland State Government and the local community to ensure continued investment and job growth within the region and with our employees and customers to ensure we deliver on our promise of flexible, safe and innovative services."

The Mayor of Isaac Regional Council, Cr. Anne Baker said, "I'm pleased to officially open the Nebo Maintenance Facility today and congratulate Pacific National for the economic stimulus and job growth it will bring to the Isaac region.

"Pacific National's preference to employ a local workforce with incentives focused on living locally is commendable and its community investment program to support local community endeavours, not-for-profit organisations and community infrastructure and facilities fits well with Isaac Regional Council's resolve to build stronger, more sustainable and liveable communities for the long term," Ms Baker concluded.

To find out more or to apply for a career with Pacific National, apply online at www.pacificnational.com.au



Below Millcon Pty Ltd provided formwork, concrete and reinforcing works to the Nebo Train Maintenance Facility project.



ALL STATIONS GO

Millcon Pty Ltd was engaged to deliver formwork, concrete and reinforcing works to the Nebo Train Maintenance Facility project. These comprehensive works included the following:

- Detailed excavation
- Formwork
- Concrete place and finish
- Reinforcement
- Supply of Cranes
- Supply of Concrete Pumping

In addition to the new facilities that have been constructed at Nebo, the works also included assembly of a temporary facility at Waitara.

Millcon Pty Ltd, previously known as O’Keeffe Contractors, has delivered successful outcomes on projects around Australia for more than 10 years. With a growing team of experienced workers, Millcon Pty Ltd is gaining a reputation as a leader in their industry.

Some notable projects they have worked on include:

- Sydney’s Desalination Plant in New South Wales
- Pluto LNG plant in Karratha Western Australia
- Airport Link in Brisbane, Queensland
- Eastlink in Victoria

- Lane Cove Tunnel in Sydney, New South Wales
- Coffs Infrastructure Alliance in New South Wales
- Horizon Alliance in Queensland

The Nebo Train Maintenance Facility was not without challenges. The team at Millcon Pty Ltd powered ahead to achieve positive results when up against challenges such as disruptive weather conditions and tight programming. The onsite management, and good working relationship that was formed with Abigroup, made overcoming complexities much easier on this project.

Millcon Pty Ltd believes in forming and maintaining good working relationships with suppliers and other members of the building and construction industry. For the Nebo Train Maintenance Facility project, Millcon Pty Ltd received outstanding support from suppliers such as Peri Formwork and Meales Concrete Pumping and together were able to achieve great results with supply and production.

The state of the art facility at Nebo will support the continually growing heavy coal haulage operations in Queensland. The new facility spans 4 kilometres and provides for maintenance, refuelling and other important functions to meet the needs of the area.

Design and construction of the Nebo Train Maintenance Facility was carried out under an alliance between Pacific National Coal, Abigroup, BG&E and QR National.

Millcon Pty Ltd specialises in all types of concrete construction Australia wide and is experienced in working on projects of all scales.



For more information contact Millcon Pty Ltd, 4/58 High Sreet Toowong QLD 4066, phone 07 3041388, email: admin@okcon.com.au

LISTEN: CREATE: DELIVER INTEGRATED THINKING

With a dynamic team of more than 80 staff, CGI Consulting combines the skills and experience of registered engineers, qualified project managers, business and management consultants, communication experts, organisational psychologists, lawyers, environmental scientists, accredited traffic and safety auditors and workplace trainers to help clients achieve their goals.

CGI Consulting completed a risk assessment for the development of the Target Outturn Cost (TOC) estimate for the Nebo Railway Precinct.

This detailed assessment included:

- Planned and unplanned risk assessment for the projects in consultation with the project team and other advisors
- Variation benchmarking workshop facilitation.

The company also provided procurement management services, to assist the project

team in establishing the subcontract packages for the project.

CGI Consulting handled the risk advisory role seamlessly with the project team that included the project owner (Pacific National) and contractor (Abigroup). The risk assessment process applied was tailored specifically for the Nebo Railway Precinct project based on the relevant standard-ISO31000 and the extensive experience of the CGI team. The risk assessment was updated as the project developed and included the incorporation of Queensland Rail as an Alliance Partner rather than a subcontractor.

CGI Consulting is currently working with the Queensland Department of Transport and Main Roads (TMR) on several projects.

CGI is the commercial advisor to the Cunningham Highway – Yamanto to Ebenezer Project for TMR. This project is at the Business Case stage of development.

Below CGI Consulting completed a risk assessment for the development of the Target Outturn Cost (TOC) estimate for the Nebo Railway Precinct.

CGI is also an integral part of the reconstruction of the South East Queensland's road network following the 2010/2011 Queensland floods, as part of the National Disaster Relief and Recovery Arrangements (NDRRA). CGI's responsibilities include the planning, development and administration of construction for all works.

This substantial program of works is jointly funded by the Federal and State Government for the reconstruction of over 800 kilometres of state-controlled road. As part of the program, the project team is managing community expectations while delivering works within the technical and funding constraints of the eligibility requirements under the NDRRA.

For more information contact CGI Consulting Pty Ltd, 32 Little Edward Street Spring Hill QLD 4004, phone 07 3832 9990, fax 07 3832 9998, email: info@cgiconsulting.com.au



VALUABLE SOLUTIONS

Below The team at Atlantic Civil Products provided the onsite manufacture of corrugated steel culverts for the Nebo Railway Precinct.



Atlantic Civil Products provided the onsite manufacture of corrugated steel culverts for the Nebo Railway Precinct. The project ran smoothly and due to the open communication and effective delivery coordination procedures in place, the project was completed on schedule.

The Nebo Railway Precinct delivers train maintenance and provisioning facilities to support Pacific National's coal haulage operation in Queensland. The primary facility is located just outside the town of Nebo and ties in with the existing Queensland Goonyella Rail Corridor.

Atlantic Civil Products is a business that develops, designs, manufactures and supplies value-engineered infrastructure solutions for the mining, transportation and forestry sectors.

Major product categories include structural plate, Mechanically Stabilized Earth Wall systems, corrugated pipe systems and modular steel bridges. With their head office situated in Townsville, Queensland, Atlantic Civil Products service Australia, South East Asia and the Pacific Islands. They also have regional sales offices, along with fixed and mobile manufacturing facilities that operate across Australia.

Atlantic Civil Products pride themselves on providing efficient infrastructure solutions for virtually any application and budget. Staying competitive in today's economic climate means building in value from the ground up. Atlantic Civil Products can help clients stretch their budget with a wide array of economical, environmentally friendly and high-quality infrastructure solutions for many types of applications. By design, they are easy to ship and install with favourable equipment and labour requirements, making them ideal for even the most remote locations.

The team at Atlantic Civil Products are also working on major mine developments throughout Queensland and Western Australia.

For more information contact Atlantic Civil Products, phone 1800 997 754, website: www.atlanticcivil.com.au

FUEL FOR THOUGHT

With their head office based in Queensland and a history of providing comprehensive solutions, Transtank was chosen to provide the equipment needed for the onsite refueling of the Nebo Railway Precinct.

The project was spread across 3 sites within the precinct and included provisioning areas East & West and the maintenance shed. Each of the provisioning areas had a 105,000lt diesel tank and lubricant storage modules. The maintenance shed featured a waste oil tank, oil pumps and various hose reel stands to service the locomotive fleet. All the diesel and lubricant storage tanks were supplied complete with filtration, dispensing equipment and fluid management systems to control and register the dispensing of the products.

As the 105,000lt diesel tanks were located a fair distance from where the operators needed to dispense into the locomotives, Transtank's design needed to cater for long piping runs. They also needed to consider the pump calculations to source the correct pumping equipment to maintain a good flow of diesel.

All site pipe work for fuels and lubricants was completed in stainless steel. Whilst this is more expensive than standard carbon steel, the costs are negated long term as there is no requirement for painting. Also, cleanliness of the diesel and lubricant is higher with stainless steel which results in cleaner fuel and lubricant for the locomotives.

Transtank manufactures and markets a comprehensive range of portable fuel and lubricant storage tanks. The company offers a total solution, from the manufacture of fuel equipment through to assisting with transport and installation on site.

Transtank specialises in containerised storage for diesel, unleaded, gasoline, oil, lubricants, waste oil, biodiesel, chemicals, explosives and associated pumping and dispensing equipment. The company provides a comprehensive range of equipment for mobile and onsite refueling options.

To help optimise business operations, Transtank provides:

- Analysis of current refueling practices to increase productivity
- Evaluation of current infrastructure
- Recommendations on fuel storage to help



- minimise costs
- Advice on health and safety issues, relating to fuel storage and handling

The products and services provided by Transtank are complimented by a team of engineering, design, drafting and project managers who are truly dedicated to ensuring their clients get the best possible fuel storage solution for their business needs.

For more information contact Transtank, Unit 4/18 Hinkler Court Brendale QLD 4500, phone 1300 994 049 / 07 3205 4436, fax 07 3259 8753, email: enquiries@transtank.com.au

Below Transtank was chosen to provide the equipment needed for the onsite refueling of the Nebo Train Maintenance Facility



CERTAIN APPROVAL

Below The team at GMA provided extensive services for the Nebo Train Maintenance Facility



GMA is one of the largest certification companies in Queensland and provides an extensive range of Building Surveying Services.

The team at GMA caters to residential, industrial and commercial projects with experience on developments of all scales. They have extensive experience in the mining industry along with workers accommodation in regional and remote areas.

The team at GMA provided extensive services for the Nebo Train Maintenance Facility that was recently constructed in Queensland.

With numerous offices throughout Queensland, GMA is able to provide

specialised assistance to a broad area throughout Australia.

Their services cover all aspects of Building Surveying and Certification and include the following:

- Building Approvals
- Fire & Building Regulation Advice
- Building Inspections
- Plan Certification
- Fire Safety Audits
- Energy Efficiency Assessments
- Bushfire Site Assessment

With a focus on customer service, GMA employs a committed team of highly qualified professionals who are available to

guide and assist their clients through the building certification maze. The staff are focused on delivering superior outcomes for their clients through dedication and ongoing support.



For more information contact GMA Certification Group, phone 1300 851 852, email: admin@gmcert.com.au



ALL TERRAIN

While wet weather presented some difficult circumstances, it didn't stop the Nebo Railway Precinct pushing ahead. Ryno Fencing were responsible for all stock and compound fencing on the project and 3.5km of handrail fencing.

For more than five years Ryno Fencing have been supplying high quality fencing for the commercial and industrial sectors. The team of 22 staff have worked on many projects including Central Queensland's Coalconnect Rail Link and the Blunder Rd upgrade. A team of five worked on the Nebo Railway project.

With years of specialised experience, Ryno Fencing offer their clients a wide variety of fencing designs to choose from. The unique designs offered by Ryno Fencing provides a strong, low maintenance and easily constructed style of fencing that can be installed across all types of terrain.

For more information contact Ryno Fencing, phone 07 3269 7440, fax 07 3269 0350, email: admin@rynofencing.com.au, website: Rynofencing.com.au

A CLEAR OUTLOOK

Tru-Fit Excavations have been offering a first class excavation service to their clients since 2005. As a small business, Tru-Fit Excavations understand the importance of establishing and maintaining lasting professional relationships with all contractors, on all projects.

The Nebo Railway Precinct is located just outside the town of Nebo and will deliver a rail maintenance facility that supports the coal haulage operation in Queensland.

Working with a new GPS controlled machine, which was supplied by Abigroup, saved significant time and money in the surveying stage of the project. While wet weather presented some delays, Tru-Fit Excavations pushed forward in providing bulk earthworks along with batters and trenches for the Nebo project.

For more information contact Tru-Fit Excavations, 91 Tompkins Road Bohle QLD 4818, phone 0417 762 419, email: kevin@trufit.net.au



Nebo Train Maintenance Facility, QLD