

The **Contractor**

ISSUE 26 | OCTOBER 2018

THE MAGAZINE FOR EMPLOYEES OF QUEENSLAND COMPLETE CONTRACTING SERVICES

THIS ISSUE:

NULLA BRIDGE CLUB



QMA FINALIST FINERY



B2SI INJURY-FREE MILESTONE



Top job, team

QCCS crew nails it at Newlands



Whatever It Takes Safely and Efficiently

Find us on 

facebook.com/qldccs



Double win for our Wanderers

CONGRATULATIONS to the Wanderers U12 team for taking out the 2018 Soccer Grand Final, and also Premiership winners—another local team proudly sponsored by QCCS. Pictured above with these little champions is Coach and QCCS CFO Nick Radke. Well done, team! •

The Contractor magazine is a publication for employees of Queensland Complete Contracting Services (QCCS).
 14C David Muir St
 SLADE POINT, MACKAY
 Postal Address:
 PO Box 8772
 MT PLEASANT
 Q 4740
 Phone:
 07 4955 9100
 admin@qldccs.com.au

Created by
 Ingrid Woodrow
 Phone 0411 655 096
 ingridwoodrow@yahoo.com

DO YOU HAVE PICS
 OR A STORY TO SHARE?
 EMAIL US!
 admin@qldccs.com.au



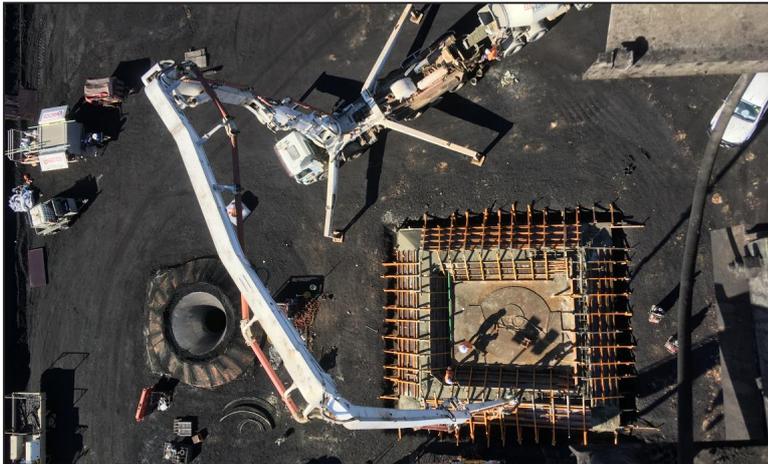
Crew putting QCCS company motto into action

By Luke Geiger

THE B2SI Project held its 500-day Recordable Incident-Free milestone event in July, and here's a line-up of the crew responsible. On the project for the entire 500-day period were, from left: Wayne Klein, Daniel Simmonds, Ben Elsmore, Mick

Finucan, Fiona Chambers, Scott Mitchell, Craig Bogaarts, Jacob Albrecht. Absent: Jonno Drayton. Thanks, team—you do us and our company motto proud: Whatever it Takes, Safely and Efficiently. •





DID YOU KNOW...

- The Newlands Coal Mine is located in the north of the Bowen Basin at Newlands about 28 km northwest of Glenden. The mine has coal reserves amounting to 413 million tonnes of low ash steaming/coking coal, one of the largest coal reserves in the world.





DBCT crew cleans up

By Mick Flinucan

QCCS crew members at Dalrymple Bay Coal Terminal are cleaning up! Team members including Wade Bishop & Bennet Leslie did an excellent job recently, removing a large amount of rubbish off beaches out front of the helipad at HPT to the DBCT fence line—most of which was recreational rubbish. It's a timely reminder that wherever we live or work, we all have a responsibility to keep our environment clean. Our beaches and waterways in particular are places we love to spend time with family and friends and it's an environment worth protecting. It's worth keeping in mind we can all make a positive immediate and tangible impact on the health of our oceans. QCCS, in collaboration with BMA, continues doing our part in keeping our beaches clean. ●



Murphy's law keeps remediation on rails

The Goonyella Coal Rail System is one of four systems in the Central Queensland Coal Network (CQCN). The corridor connects to export terminals at Hay Point and Dalrymple Bay in Mackay and Abbot Point. This rail network hauls coal for many of the world's largest coal miners including BMA, Glencore and Peabody. As part of the rail upgrade and maintenance, Ronan Murphy & his team completed embankment remediation works. "We excavated out on both sides of a stormwater crossing so we could extend the existing shotcrete batter protection and fill the wash out and scour holes while also repairing a farmer's damaged fence," explains Ronan. "We placed 45m³ of shotcrete on the embankment and 5m³ of concrete filled the sink holes at the top of the batter." Nice job, men. ●





Brad Burgess with the custom drill rig.

Technique has stackers on track

By Leanne (Lil) Carter

QCCS was onsite at Dalrymple Bay Coal Terminal earlier this year for works in preparation for the stacker reclaimer rail replacement works.

Supervised by Kris Lemm and Chris Buckley, this phase of the job involved drilling and installing around 4800 hold down bolts along Bund 2 using a custom drill rig, an innovation that allowed us to drill two holes at a time at the required spacings while also managing bolt depth and dust control.

Permanent Way Solutions then welded 2400m of crane rail into 36m strings, which we then dragged down the bund into position ready for the shutdown. This task was particularly tricky and involved constant liaison with the operations team, as all works were undertaken while the reclaimers were still in operation.

As always, QCCS thrives on a challenge, and with patience, versatility and creativity, we achieved the scope of scheduled works without a problem.

Preparation complete, we replaced 800 metres of rail during the first shutdown in July, running three weeks of days and two weeks of nights, six days a week, 24 hours a day.

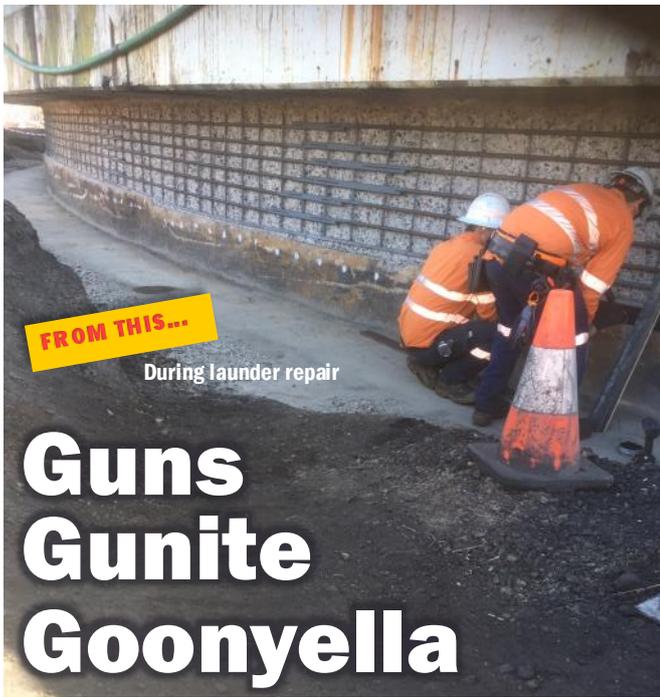
Thanks to all crew members involved in these works.

A great team effort of smart planning and pre-works, pushing through the hard slog with a commitment to quality to achieve our goals and provide an exceptional finished product, safely and efficiently.

With a positive, growing relationship with the client, we look forward to ongoing works at DBCT. •



Baz McLarren conducting Thermite Welding. Rail ends are pre-heated, then the welding process employs molten metal—producing heat in excess of 2000°C—which flows into the join to permanently fuse the rails together.



FROM THIS...

During launder repair

Guns Gunitite Goonyella



...TO THIS

After launder repair

By Chris Buckley

At a recent shutdown at Goonyella Riverside Mine, QCCS was engaged to undertake concrete remediation work, including the Tailings Thickener tank beside the wash plant. The job involved an average of 10 workers hanging onto 12kg jackhammers for a solid week, jackhammering the vertical face while crouched under the tank overflow launder. Hats off lads—and lady Mel, who got stuck in with a jackhammer too!

We then replaced most of the reinforcing with 12mm verts and 24mm horizontal bar.

It took 20 pallets of Gunitite to complete the repair, with help from Neil Harvey of Qld Gunitite.

The outside of the launder then underwent a makeover with a new paint job. Nice painting, Tyrese (Fresh Prince)!

The job was done on time, within budget—and a great finish. And with so much work going into just getting onsite, thanks for the great effort by everyone behind the scenes who looked after the inductions, training, purchasing, quoting etc. The client was very happy with the outcome. •

WHAT IS GUNITITE?

■ In the early 1900's, Carl Akeley, a hunter and taxidermist, came up with a method of spraying plaster onto animal-shaped wire frames, placing dry plaster mix into a chamber that resembled a pressure cooker, and used compressed air to push the powder through a hose to a nozzle where mixing water was added.

The product was extremely workable: it didn't slump off the wire frames like it did when it was premixed and trowelled on; and didn't set up as fast which allowed finer details to be sculpted into figures.

Later, in 1910, a double chamber 'cement gun' was developed based on Akeley's design. It was ideal for creating thin but strong concrete linings and coatings, and made it easy to create curves & shapes in concrete. Bridges, dams, reservoirs, pools, tanks, canals, docks, slopes, tunnels, pipelines etc all became candidates for Gunitite, the trademarked term for the material produced by the 'dry mix' shotcrete process.



FROM THIS...

Prior to painting



...TO THIS

After painting and backfill

Rise of the Nulla Bridge club



Bridge beam repair a bonding experience

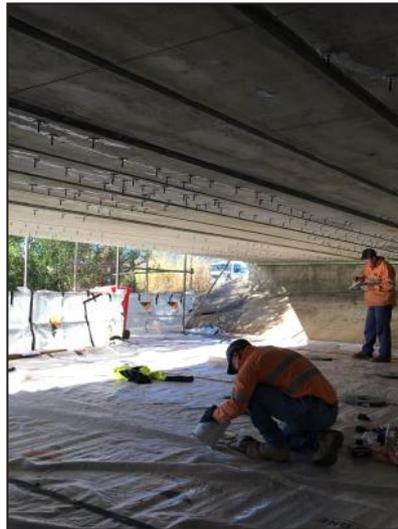
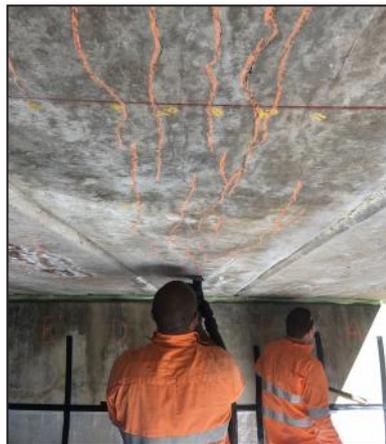
By **Beau Mackenzie**

QCCS was contracted to complete concrete remediation to underside of Nulla Bridge, located on Abbot Point access road and owned by NQBP (North Queensland Bulk Ports). The three-month remediation project focussed on crack

repairs on the spanning bridge beams. Our scope of work included crack mapping, chasing of cracks, placing and injection of nipples for LV Epoxy injection, grinding back grout capping and Silane coat sealing to finish.

I'd like to thank everyone involved

with the project: Aaron Aston; Ian Cresswell; Rick Sandham; John Peck; Nick Forster; Josh Dadzie; Andrew Batchelor & Tom Tom (Richard Tommy). With plenty of laughs, a good work ethic and all-round good bunch of blokes it was a job well done! •





QCCS stands tall among giants of the industry

By Leanne (Lil) Carter

WE MAY not have won on the night but QCCS is very proud to have been recognised amongst a who's who of the mining industry at the Queensland Mining awards. Finalists included mid-size companies like Coxons Group Australia and large contractors like Downer, McLanahan & Wolff Mining, along with producers Rio Tinto, Anglo American and New Hope Group. Well done to the QCCS team—keep up the great work! •



QMA — AT A GLANCE

- QCCS named as a Finalist in the QMA Time Saving Initiative Award, for Concrete Remediation–Hay Point Ship Loading Berth.
- The Queensland Mining Awards (QMA) celebrate the best of Queensland's mining industry in eight peer-judged categories including: Cost-Saving Initiative Award, Time-Saving Initiative Award, Project Innovation award, Product Launch Award, Safety Award, Collaboration Award & Community/ Staff Engagement Award.
- More than 520 people attended the June awards night, co-hosted by the Bowen Basin Mining Club (BBMC) and Queensland Resources Council (QRC) at the MECC.
- Finalists ranged from small, locally-owned companies such as QCCS and HMA Wear Solutions, to large contractors such as Downer, McLanahan and Wolff Mining and producers Rio Tinto and Anglo American.