



Adelaide Brighton Cement Ltd

Welcome

Our regular community newsletters are one of the ways we keep you up to date with what is happening at Adelaide Brighton Cement's Birkenhead plant.

Adelaide Brighton Cement Birkenhead Site

COMMUNITY NEWS

EDITION WINTER 2019

Alternative Fuels Program

Adelaide Brighton Cement has been operating an Alternative Fuels program with the aim of reducing the use of natural gas in its process.

Each step of the journey has included extensive trials, which have been monitored and approved by the South Australia Environment Protection Authority. As part of this program, waste from South Australian construction, commercial and industrial activities, is processed into a "Refuse Derived Fuel" (RDF) for use in the Birkenhead kiln. Without this re-use, the material would have been sent to landfill. Each year the alternative fuels program reduces the site's natural gas usage by over 25% and diverts approximately 200,000 tonnes of waste from landfill each year.

Measurement of our exhaust stacks shows a significant reduction in the amount of airborne nitrous oxide emitted when RDF's are used. The kiln process completely destroys the RDF, usefully recovering both the energy and the ash. This conserves natural resources that would otherwise have been sourced from mines and gas producers. Diverting the RDF from landfill also prevents the production of more greenhouse gases as the material decomposes.

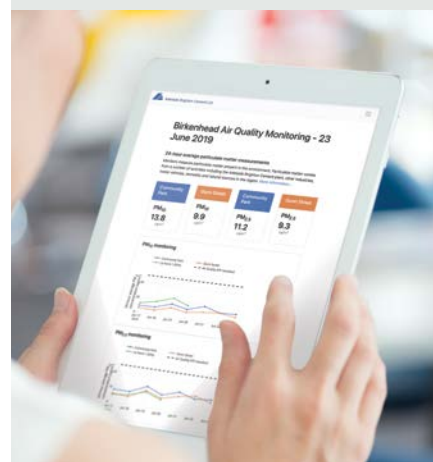
Adelaide Brighton will soon be reaching a major milestone around its alternative fuels program. More information about this will be provided to the community in the near future.

Did you know?

Adelaide Brighton Cement maintains two ambient air quality particulate monitors located in the local community at Gunn Street and the ABC Community Park on Alfred Street.

Data is published live to the Adelaide Brighton Cement Community Website.

For live air quality monitoring and further information on particulate monitoring, please visit www.adelaidebrightoncommunity.com.au





COMMUNITY INVESTMENT

Adelaide Brighton Cement is once again proud to partner with Little Athletics South Australia as the major sponsor of the State Personal Best Classic Carnival in November 2019.

We maintain an active and ongoing involvement in a range of community activities through partnerships as well as a range of sponsorships and donations.

We contribute to specialised programs at local schools and sporting clubs, care agencies and other local community services.

If you are interested in seeking sponsorship or donations from Adelaide Brighton Cement, please email birkenheadsponsorship@adbri.com.au

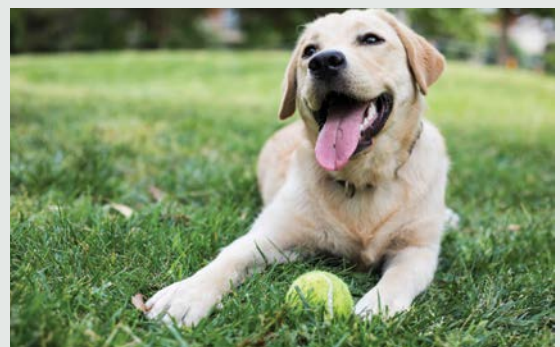


Adelaide Brighton Cement proudly support grassroots sports in South Australia.

Dog Friendly Park

The Adelaide Brighton Cement dog friendly park continues to be well utilised by the community. Signage has been erected reminding users of their responsibilities and conditions of use when visiting the park.

The park is regularly inspected and maintained and members of the community are urged to inform Adelaide Brighton Cement of any damage or maintenance issues. Adelaide Brighton Cement asks that all users ensure they follow the responsibilities and conditions stated on the park's signage.



The Adelaide Brighton Dog Friendly Park is popular with local dog owners.

WINTER 2019

New Environmental Improvement Program (EIP)

Adelaide Brighton Cement worked collaboratively with the Environmental Protection Authority (EPA) to develop a new EIP for the Birkenhead site. Extensive community consultation was undertaken during the development of this EIP, which resulted in valuable feedback from stakeholders within the community, including members of Adelaide Brighton Cement Liaison Group.

The main intent of this new EIP is to further improve Adelaide Brighton Cement's noise and fugitive particulate footprint at the Birkenhead site.

The full EIP can be viewed on our community website.

ANNUAL SHUTDOWN

The annual shutdown at the Birkenhead plant allows crucial maintenance activities to occur to ensure ongoing plant reliability.

During this period, the workforce swells by approximately 300 employees, as local contractors are engaged to undertake maintenance tasks on a 24/7 basis. As a result of the direct engagement of these contractors and other engineering service providers in the local area, Birkenhead site's annual shutdown provides significant financial contribution to the South Australian economy.

Key activities completed during the shutdown included:

Extensive refractory replacement within the kiln and preheater towers

Overhaul of all major mechanical equipment, including raw mills and limestone reclaiming system

Refurbishment of electrostatic precipitators (stack emission control equipment)

Replacement of bag filters for clinker cooler (stack emission control equipment)



AUGUST 2019

ENGINEERING STUDENT VACATION PROGRAM



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JAMES ARNOLD

VACATION STUDENT, PROCESS/
CHEMICAL ENGINEERING STUDENT,
UNIVERSITY OF ADELAIDE

"I found the vacation program with Adelaide Brighton Cement greatly improved my understanding of the cement and lime industry. If the opportunity arose, I would be very appreciative to work with such an inclusive and supportive team in an excellent work environment."

The Birkenhead and Angaston plants in South Australia provided the opportunity for Engineering students from the University of Adelaide to undertake a three month graduate program. Students included James Arnold (Process/ Chemical Engineering), Dion Samu (Chemical Engineering) and Nathan Ryan (Chemical Engineering).

The students gained valuable experience working on a number of projects that have genuinely contributed to operational improvements.

Adelaide Brighton Cement is committed to providing meaningful training opportunities for university graduates.



Partnership with Infigen Energy increases Adelaide Brighton's utilisation of renewable energy

Adelaide Brighton Cement partnered with Infigen Energy for the supply of some of its power requirements for all of its South Australian manufacturing sites and Klein Point mine. Infigen Energy is a developer, owner and operator of renewable energy generation assets delivering energy solutions to Australian businesses.

This electricity supply agreement allows Adelaide Brighton Cement to further improve its sustainability footprint. This partnership with Infigen Energy is complementary to Adelaide Brighton Cement's existing alternative fuels program, which aims to maximise the substitution of natural gas with alternate fuels.

Our next community liaison group meeting

The Adelaide Brighton Cement Community Liaison Group meet on a quarterly basis at the Port Adelaide Town Hall, Nile Street, and Port Adelaide.

The next community meeting is scheduled for **2nd September 2019, 7:00pm – 9:00pm.**

Adelaide Brighton Cement Ltd
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Further information visit
www.adelaidebrightoncommunity.com.au

Email us at
BirkenheadCommunity@adbri.com.au

During the hours of 8:30am and 5:00pm, you can reach us on 8300 0300

For matters that arise after hours, please contact our Community Hotline on 8300 0520



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