



Licence No. 1126

**ADELAIDE BRIGHTON CEMENT
LIMITED**

Victoria & Elder Roads, PETERHEAD SA 5016

ISSUED:

EXPIRY:

ACN:

Environmental Authorisation
under Part 6 of the
*Environment Protection
Act 1993*

**South Australian
Environment
Protection Authority**
GPO Box 2607
Adelaide SA 5001
Tel: 08 8204 2004

EPA

DRAFT

Environment Protection Authority

LICENCE NUMBER: 1126

LICENSEE DETAILS

Licence Holder: ADELAIDE BRIGHTON CEMENT LIMITED

Premises Address(es): Victoria & Elder Roads, PETERHEAD SA 5016

LICENSED ACTIVITIES

The Licensee is authorised to undertake, at the location(s) shown above, the following prescribed activities of environmental significance under Schedule 1 Part A of the Act, subject to the conditions in this Licence set out below:

TERMS OF LICENCE

Commencement Date:

Expiry Date:

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What is an EPA licence?

The EPA imposes conditions through a licence to regulate activities that have the potential to harm the environment. Any person or company undertaking these types of activities may need an EPA licence, as required by the [Environment Protection Act 1993](#). The term of a licence is generally five years, but can vary from one to 10 years based on the EPA's assessment of the risk or duration of the activity.

What is the purpose of a licence?

A licence is an enforceable agreement between the EPA and the licensee that sets out the minimum acceptable environmental standards to which the licensee must perform. We consider how high the environmental risk is likely to be from the licensed activities, when setting conditions of the licence. Subsequently, environmental licences are unique and may be developed to focus on any or all of the following objectives:

- documentation of the requirements of a licensee under existing regulations
- facilitating the attainment of environmental performance standards of the licensee
- facilitating the alignment of the behaviour of the licensee with the core environmental objectives required under the *Environment Protection Act 1993* and related policies

The Act also requires that all reasonable and practical measures are taken to protect, restore and enhance the quality of the environment, including requiring persons engaged in polluting activities to progressively make environmental improvements. This will affect how the minimum acceptable standards are determined and reflected in licences.

Compliance with the licence

It is serious offence to breach an EPA licence and could result in a maximum fine of \$120,000 for bodies corporate. It is also an offence to provide false or misleading information and can result in a maximum fine of \$60,000 for bodies corporate.

The EPA also uses a number of enforcement tools to manage non compliance with licence conditions in accordance with the [Compliance and Enforcement Guideline](#). The EPA can vary the conditions of this licence in accordance with section 45 of the Act. This licence can be suspended, cancelled or surrendered during the term of the licence in accordance with sections 55 and 56 of the Act.

Incident notification

The Licensee must report to the EPA (on EPA emergency phone number 1800 100 833) all incidents causing or threatening serious or material environmental harm, upon becoming aware of the incident, in accordance with section 83 of the Act. In the event that the primary emergency phone number is out of order, the Licensee should phone (08) 8204 2004.

Responsibilities under Environment Protection Legislation

The Licensee must be aware of and comply with their obligations under;

- The *Environment Protection Act 1993*
- The *Environment Protection Regulations 2009*
- The Environment Protection Policies made under the *Environment Protection Act 1993*
- The requirements of any National Environment Protection Measure which operates as an Environment Protection Policy under the *Environment Protection Act 1993*

Public Register Information

The EPA maintains a Public Register that is available to the public. Information maintained includes issued Environmental Authorisations (Licences, Exemptions & Works Approvals), Emergency Authorisations and various submitted Applications. Should the conditions of an Environmental Authorisation require that the Holder submit a report or other information to the EPA, then that submitted information is made available on the Public Register subject to commercial confidentiality? Endorsed Public Register information may be available on the EPA website.

Definitions

Unless the contrary intention appears, terms used in this licence that are defined in the Act (including any regulations or environment protection policies made pursuant to the Act) have the respective meanings assigned to those terms by the Act.

THE ACT: The *Environment Protection Act 1993*

PREMISES: The whole of the land comprised in Titles Register - Certificate of Title, Crown Lease and Crown Record:

POLLUTION CONTROL EQUIPMENT: means 'control equipment' as defined in the Environment Protection (Air Quality) Policy: any device that controls, limits, measures, records or indicates air pollution.

THE AUTHORITY: means the Environment Protection Authority established under Division 1 of Part 3 of the Act.

AUTHORISATION FEE PAYMENT DATE: means the anniversary of the grant or renewal of this authorisation.

CONTROLLED WASTE: means any wastes of a category listed in Column 1 of the Table in Schedule 1 that has 1 or more characteristics listed in the Table in Schedule 2 of the Environment Protection (movement of Controlled Waste) Policy 2014.

DESTINATION FACILITY: "Destination Facility" in relation to a consignment of controlled waste means the depot, facility or works to which the waste is, or is to be delivered under the consignment.

ENVIRONMENTAL HARM: means the same as is defined in section 5 of the Environment Protection Act 1993.

LISTED WASTE: means wastes listed in Part B of Schedule 1 of the Environment Protection Act 1993.

WASTE: As defined under the Environment Protection Act 1993, Waste means -

(a) any discarded, rejected, abandoned, unwanted or surplus matter, whether or not intended for sale or for recycling, reprocessing, recovery or purification by a separate operation from that which produced the matter; or

(b) anything declared by regulation (after consultation under section 5A) or by an environment protection policy to be a waste, whether of value or not.

Acronyms

EPA: means Environment Protection Authority

AFRM: means Alternative Fuel and/or Raw Material.

EIP: means Environment Improvement Programme.

WTC: means Waste Transport Certificate.

Conditions of Licence

The Licensee is authorised to conduct the prescribed activities as described in this Licence at the Premises nominated, subject to the following conditions:

1 CONTROL OF EMISSIONS

1.1 DUST MINIMISATION (330 - 209)

The Licensee must:

- 1.1.1 take all reasonable and practicable measures to minimise dust generation during the handling and storage of materials at the Premises;
- 1.1.2 maintain all access roads at the Premises as often as necessary so as to minimise dust generation and build up; and
- 1.1.3 maintain a register for each area housekeeping programme that sets out:
 - a the time and date that an area was inspected;
 - b the time and date that an area or piece of equipment was cleaned;
 - c details of what housekeeping duties need to be carried out;
 - d the date and time the housekeeping duties were carried out; and
 - e the result of the housekeeping duty task.

1.2 EMISSION EXCURSIONS (32 - 4)

The Licensee must not allow particle emissions from the Dry Process Kiln 4, the Precalciner Plant and associated Electrostatic Precipitators to exceed the prescribed standard in Item 1 of Schedule 1 of the Environment Protection (Air Quality) Policy 1994, other than for the exempted periods and situations described in EPA Exemption Authorisation No. 12368.

2 WASTE MANAGEMENT

2.1 LISTED WASTE AND/OR CONTROLLED WASTE PRODUCER (S - 166)

The Licensee must:

- 2.1.1 prior to the interstate transport of any waste specified in the Listed Waste attachment and/or Controlled Waste attachment to this licence, obtain a Consignment Authorisation from the relevant authority in the state or territory of destination of that waste;
- 2.1.2 ensure a WTC is generated for any waste specified in the Listed Waste and/or Controlled Waste attachments to this licence before that waste is transported to a Destination Facility in South Australia or interstate;
- 2.1.3 provide a copy or copies of the WTC to the transporter of the waste and the EPA; and

- 2.1.4 retain a copy of all manual generated WTC's for not less than 12 months.

3 OPERATIONAL MANAGEMENT

3.1 ALTERNATIVE FUEL AND/OR RAW MATERIAL MANAGEMENT (32 - 15)

The Licensee must:

- 3.1.1 ensure that the only types of AFRM to be burned in the industrial fuel burning equipment on the Premises are those defined in Schedule X-1 (attached to this licence); and
- 3.1.2 comply with the requirements of paragraph 1 this condition, except during the events of trial burning of AFRM in the industrial fuel burning equipment on the Premises whereby the trial is undertaken in accordance with Schedule W-1 (attached to this licence).

3.2 ALTERNATIVE FUELS - OPERATIONAL REQUIREMENTS (32 - 23)

The Licensee must ensure

- 3.2.1 that all alternative fuels are burnt in a certified Type B gas appliance; and
- 3.2.2 the certified Type B gas appliance is operated in accordance with the Adelaide Brighton Cement Ltd Burner Management System document entitled 'Instruction BMS Operation BH-WI-5505' and dated 14 December 2010.

3.3 COMPLAINTS (300 - 9)

The Licensee must:

- 3.3.1 maintain a register of complaints received regarding the Licensee's operations that sets out:
 - a the date and time that the complaint was reported;
 - b details of the complaint;
 - c the name and address of the complainant (if permitted by the complainant);
 - d the date and time of the events giving rise to the complaint;
 - e the likely cause of the events giving rise to the complaint;
 - f an estimate of the temperature, wind speed, wind direction and rainfall at the time of the events giving rise to the complaint; and
 - g any action taken by the Licensee in response to the complaint and to prevent a recurrence of the events giving rise to the complaint;
- 3.3.2 respond to complainant within 72 hours;
- 3.3.3 make available a summary report of complaints to the public at the Adelaide Brighton Community Liaison Group meetings; and

3.3.4 retain the register for the duration of this licence.

3.4 IMPLEMENT EIP (U - 583)

The Licensee must:

1. implement and comply with the EPA approved Adelaide Brighton Cement Ltd document entitled "Environment Improvement Programme" (Version 1, dated 1 January 2016) or any revised Environment Improvement Programme document approved in writing by the EPA; and
2. submit quarterly reports to the Authority by the last day of January, April, July and October each year that details progress towards implementation of, and compliance with, the EIP.

NOTES

The Licensee should ensure the EIP addresses environmental issues raised by the Adelaide Brighton Cement Community Liaison Group.

3.5 NOTIFICATION OF FAILURE TO MEET COMPLIANCE DATE(S) (310 - 205)

The Licensee must:

- 3.5.1 notify the Authority within 10 business days of being made aware of a failure to meet any of the compliance dates provided in section 6 of the EIP referred to in condition (U-583) of this licence; and
- 3.5.2 submit a summary report to the Authority within a further 10 business days, detailing an updated programme to achieve final compliance, including a revised compliance date(s).

3.6 POLLUTION CONTROL EQUIPMENT REGISTER (330 - 162)

The Licensee must:

- 3.6.1 maintain a register for each inspection of pollution control equipment that sets out :
 - a the date of the inspection;
 - b the equipment that was inspected;
 - c whether the equipment was working effectively;
 - d whether there was any equipment fault or failure;
 - e any immediate action taken in response to that fault or failure;
 - f any planned action to be taken in response to that fault or failure;
 - g the date and nature of any subsequent repairs, modification or replacement of the equipment; and
 - h the name of the recording officer; and
- 3.6.2 must retain the register for the duration of this licence.

3.7 TRUCK CLEANING (330 - 211)

The Licensee must:

- 3.7.1 only wash vehicles at the Premises within a waste water collection system; and
- 3.7.2 direct all bulk tankers loaded on site to exit the site through a vehicle wash.

3.8 WHARF - SPILLS (330 - 210)

The Licensee must, after loading or unloading is complete, clean up any material spilt onto the wharf, dock, loading/unloading area or work area.

4 MONITORING AND REPORTING

4.1 AMBIENT PARTICULATE LEVEL MONITORING AND REPORTING PLAN (305 - 634)

The licensee must:

- 4.1.1 develop an ambient particulate monitoring and reporting plan to the satisfaction of the Authority that:
 - a will determine the sources of fugitive particulate emissions to identify opportunities for improvement;
 - b sets out how ambient TSP, PM10 and PM2.5 at STP will be monitored; and
 - c sets out the format of quarterly and annual reports;
- 4.1.2 submit the monitoring and reporting plan to the Authority for its assessment on or before the date indicated in the compliance date column;
- 4.1.3 if the monitoring and reporting plan is not acceptable to the Authority, resubmit a revised version of the monitoring and reporting plan (incorporating any additions or alterations that are required by the Authority) within 30 days of being advised in writing by the Authority;
- 4.1.4 implement the monitoring and reporting plan within 14 days of it being approved in writing by the Authority;
- 4.1.5 prepare and submit quarterly reports to the Authority by the last day of January, April, July and October each year; and
- 4.1.6 prepare and submit an annual report to the Authority by the last day of October each year.

NOTES

The Licensee should ensure that the ambient particulate monitoring and reporting plan has regard to input from the Adelaide Brighton Cement Community Liaison Group.

4.2 EMISSION TESTING (32 - 34)

The Licensee must:

- 4.2.1 test emissions from all exhaust stacks, by the last day of June and October of each year for the following:
 - a substances included in Schedule Y-1;
 - b solid particles;
 - c temperature;
 - d moisture;
 - e pressure; and
 - f exhaust velocity;
- 4.2.2 ensure that the emission testing programme is undertaken in addition to emission testing for each trial of alternate fuels or raw materials;
- 4.2.3 carry out the emission testing programme in accordance with the methods specified in the EPA document entitled 'Emission Testing Methodology for Air Pollution Manual' dated March 1995; and
- 4.2.4 submit the emission testing results to the Authority no later than 90 days after the conclusion of the testing programme.

4.3 STACK PARTICULATE EMISSIONS MONITORING AND REPORTING PLAN (305 - 635)

The Licensee must:

- 4.3.1 develop a stack particulate emissions monitoring and reporting plan to the satisfaction of the Authority that:
 - a will determine the level of stack particulate emissions, incidents resulting in higher emissions and opportunities for improvement; and
 - b sets out how stack particulate emissions will be monitored and reported;
- 4.3.2 submit the monitoring and reporting plan to the Authority for its assessment on or before the date indicated in the compliance date column;
- 4.3.3 if the monitoring and reporting plan is not acceptable to the Authority, resubmit a revised version of the monitoring and reporting plan (incorporating any additions or alterations that are required by the Authority) within 30 days of being advised in writing by the Authority;
- 4.3.4 implement the monitoring and reporting plan within 14 days of it being approved in writing by the Authority;
- 4.3.5 prepare and submit quarterly reports to the Authority by the last day of January, April, July and October each year; and

- 4.3.6 prepare and submit an annual report to the Authority by the last day of October each year.

NOTES

The Licensee should ensure that the stack particulate emissions monitoring and reporting plan has regard to input from the Adelaide Brighton Cement Community Liaison Group.

5 ADMINISTRATION

5.1 ANNUAL RETURN AND PAYMENT OF ANNUAL FEES (A - 4)

For the purposes of section 48(2)(a) of the Act, the date in each year for the lodgement of the Annual Return is no later than 90 days before the anniversary of the grant or renewal of the Licence; and

- 5.1.1 For the purposes of section 48(2)(b) of the Act, the date in each year for the payment of Annual Authorisation Fee is the anniversary of the grant of the Licence.

5.2 APPROVAL OF OPERATING PROCESSES (A - 6)

The Licensee must not undertake changes to operating processes conducted pursuant to the Licence at the Premises without written approval from the EPA, where such changes:

- 5.2.1 have the potential to increase emissions or alter the nature of pollutants or waste currently generated by, or from the licensed activity; or
- 5.2.2 have the potential to increase the risk of environmental harm; or
- 5.2.3 would relocate the point of discharge of pollution or waste at the Premises.

5.3 APPROVAL OF WORKS (A - 5)

The Licensee must not construct or alter a building or structure, or install or alter any plant or equipment, for use of an activity undertaken pursuant to the Licence at the Premises without written approval from the EPA, where such changes:

- 5.3.1 have the potential to increase the emissions or alter the nature of pollutants or waste currently generated by, or from the licensed activity; or
- 5.3.2 have the potential to increase the risk of environmental harm; or
- 5.3.3 would relocate the point of discharge of pollution or waste at the Premises.

5.4 CHANGE OF LICENSEE DETAILS (A - 3)

If the Licensee's name or postal address (or both) changes, the Licensee must inform the EPA within 28 days of the change occurring.

5.5 LICENCE RENEWAL (A - 2)

For the purposes of section 43(3) of the Act, an application for Renewal of the Licence must be made no later than 90 days before the expiry date of the Licence.

5.6 OBLIGATIONS TO EMPLOYEES, AGENTS AND CONTRACTORS (A - 1)

The Licensee must ensure that every employee, agent or contractor responsible for undertaking any activity regulated by the Licence, is informed as to the conditions of the Licence.

Attachments

There are no documents attached to this licence.