



DOC21/1072059-12

Mr Shaun Williams
Planning and Assessment Division
Department of Planning, Industry and Environment
Locked Bag 5022
PARRAMATTA NSW 2124
Email: shaun.williams@planning.nsw.gov.au

ELECTRONIC MAIL
21 January 2022

EPA Advice on Horsley Park Brickworks Plant 2 Upgrade (SSD 9601 Mod 1)

Dear Mr Williams

I refer to your request for advice regarding the proposed Horsley Park Brickworks Plant 2 Upgrade (SSD 9601 Mod 1), received on the 1 December 2021. The Environment Protection Authority (EPA) understands the proposed modification involves the upgrade of a scrubber to Twin Tower Scrubbers, extension of existing OSD Basin and an increase of capacity from 80 million to 130 million bricks.

The Austral Brick Co Pty Ltd (Austral) holds Environment Protection Licence no. 546 (licence) located at 780 Wallgrove Road, Horsley Park.

The EPA has reviewed the following documents regarding the proposal:

- Modification Application Planning Report, Willow Tree Planning, November 2021,
- Revised Air Quality Impact Assessment – Plant 2 SSD 9607 MOD 1, Air labs environmental, 19 October 2021, and
- Noise Impact Assessment, Benbow Environment, 1 October 2021.

The EPA has prepared a list of recommended conditions of consent which are included at Attachment 1. Please note that Austral will have to apply to the EPA to vary the licence before commencing operations in relation to SSD 9601 Mod 1.

If you have any questions about this letter, please contact Kyle Browne on 9995 6107 or via email at kyle.browne@epa.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Ruth Oowler', written over a horizontal line.

RUTH OWLER
A/Unit Head
Regulatory Operations Metro West
Environment Protection Authority

Phone 131 555
Phone +61 2 9995 5555
(from outside NSW)

TTY 133 677
ABN 43 692 285 758

Locked Bag 5022
Parramatta
NSW 2124 Australia

4 Parramatta Square
12 Darcy St, Parramatta
NSW 2150 Australia

info@epa.nsw.gov.au
www.epa.nsw.gov.au

Attachment A

Recommended Conditions of Consent

Development Consent conditions

1. The proponent must install a limestone fluorine cascade scrubber at the Plant 2 kiln that meets the emission design concentrations presented in Table 1 of the Air Quality Impact Assessment (Airlabs Environmental, 19 October 2021).
2. The scrubber stack must be built to a minimum height of 35 m above ground level.
3. The final design of the exhaust stack of the pollution control system must allow for emission testing requirements and have consideration for the requirements outlined in Australian Standard AS4323.1 *Stationary source emissions - Selection of sampling positions* (2021).
4. Within 90 days of commissioning the new Plant 2 Kiln and scrubber, the proponent must undertake post-commissioning monitoring for all pollutants listed in the Environment Protection Licence no. 546 (licence).
5. Emissions testing must be conducted when the kiln is operating at full capacity and provide a suitable characterisation of the emissions during normal plant operations.
6. The results of the post commissioning emission verification must be presented in a detailed report to the EPA within six weeks of completing the monitoring. The report must contain, as a minimum:
 - a. all monitoring results,
 - b. a detailed description of the sampling locations,
 - c. all information listed under Analytical report, Stationary source monitoring in accordance with the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*,
 - d. Details of operating conditions at the time of testing (including production rates, materials produced, material input and any activities or parameters affecting emissions),
 - e. A statement of compliance against the emission limits included under Condition L3.4 of the licence and all applicable standards of concentration prescribed in the *Protection of the Environment (Clean Air) Regulation* (2021).