

Our ref: DA401-11-2002-i-PA-43

Mr Greg Johnson
Environmental Sustainability Manager
Boral Cement
PO Box 1228
NORTH SYDNEY NSW 2059

8 December 2022

**Boral Cement, Berrima (DA 401-11-2002-i, as modified)
Updated Fuel Specification for AKF5**

Dear Mr Johnson

I refer to your correspondence dated 11 October 2022 and 28 October 2022 seeking the Planning Secretary's approval of an updated fuel specification for a non-standard fuel known as Tyre Derived Fuel and identified as 'AKF5' (being used and unwanted tyres) which is used as a non-standard fuel in Kiln 6 at the Berrima Cement Works.

The Department notes AKF5 is permitted to be used as a non-standard fuel in Kiln 6 at a rate of up to 4.5 tonnes per hour and Boral is currently seeking approval to construct a new storage area for this material before commencing the ongoing use of AKF5 at the facility. Condition 3.20 of the development consent (DA401-11-2002-i, as modified) requires Boral to provide a fuel specification for each non-standard fuel for approval by the Planning Secretary and the Environment Protection Authority (EPA) prior to use of that non-standard fuel in Kiln 6.

It is understood that Boral has carried out a review of the AKF5 fuel specification originally approved in 2004 (as part of MOD 2-1-2004-i) to ensure it is contemporary and complies with relevant conditions of the consent (DA401-11-2002-i, as modified). It is noted the revised fuel specification addresses the requirements for non-standard fuels that were incorporated into the consent as part of MOD 2-1-2004-i including:

- quality control and quality assurance procedures (condition 1.4G)
- details of the maximum quantities of all relevant pollutants (condition 3.20)
- maximum chlorine content of 1% by weight (condition 3.21)
- no dilution or blending to meet fuel specification requirements (condition 3.21).

The Department has reviewed the revised fuel specification in consultation with the EPA. The EPA approved the fuel specification in correspondence dated 15 November 2022 (see attached). The Department is also satisfied it meets the requirements of the conditions. I therefore approve the following revised fuel specification for AKF5 under condition 3.20 of the development consent:

- 'Boral Cement Recovered Resource Specification AKF5 – Tyre Derived Fuel' prepared by Boral dated 28 October 2022.

If you have any questions, please contact Sally Munk, Principal Planning Officer, on 9274 6431 or via email at sally.munk@planning.nsw.gov.au.

Yours sincerely



Joanna Bakopanos
Team Leader, Industry Assessments

Enclosed: EPA correspondence dated 15 November 2022