

11 May 2021

Our Ref: R/2017/14/P
File No: SSD 8517 Mod 9

Mr Jim Betts Secretary
Department of Planning, Industry and Environment
12 Darcy Street
Parramatta NSW 2150:

Attention: Thomas Piovesan

Via Planning Portal

Dear Thomas,

**Section 4.55(1A) Modification Application
Bays 1-4A, Locomotive Workshops, South Eveleigh – SSD 8517
Modification 9 Add Blacksmith Flues**

Thank you for your correspondence seeking comment on the application prepared by Ethos Urban on behalf of Mirvac Projects Pty Ltd to modify development consent SSD 8517 relating to Bays 1-4a of the Locomotive Workshops, South Eveleigh.

The proposed modification seeks to modify the approved development consent in order to enable the installation of 3 extraction hoods, fans and flues for three of the existing heritage coke furnaces 6, 9 and 10 in the Blacksmith workshop Bays 1 and 2.

The City of Sydney raises no objections to the proposal.

From a heritage perspective the proposed flues have galvanised steel finish and appear to be supported from the existing trusses by cables. This is all considered reversible and can be supported as they fit in with the industrial context of the site.

In regards to the air quality impacts, however, the following items require further review by the Department of Planning, Industry and Environment (DPIE):-

1. The Mechanical Ventilation design which is claimed to be more efficient at capturing direct exhaust emissions and smoke generated during furnace and oil quenching operations, to ensure future staff are protected. All mechanical ventilation should be compliant with AS1668 and signed off by a competent person (e.g. mechanical engineer or similar) prior to the issue of a Construction Certificate.
2. Confirm if the applicant will utilise a cleaner fuel source such as LPG gas. If so, further assessment of air quality should be conducted following any ventilation or fuel source upgrades to confirm that changes have not adversely affected air conditions; if the information cannot be provided this should form part of the consent conditions.

3. Following completion of the works emission monitoring and recording by an air quality consultant should be conducted at the exhaust stacks to ensure compliance with relevant air quality standards. This should form part of the consent conditions.

The monitoring should be carried out in accordance with the testing methods outlined within the NSW Environment Protection Authority (EPA), publication "Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales" and the testing methods outlined within Schedule 7 of the Protection of the Environment Operations (Clean Air) Regulation 2010.

The report must assess emissions against the standards of concentration for non-scheduled premises set out in Schedule 6 of the Protection of the Environment Operations (Clean Air) Regulation 2010 and the NSW EPA best available technology (BAT) emission standard for natural gas fired reciprocating internal combustion engines (Nitrogen dioxide (NO₂) or nitric oxide (NO) or both, as NO₂ equivalent).

You can contact the undersigned on **9246 7599** or by email at arees@cityofsydney.nsw.gov.au if you wish to discuss any matters raised in this submission.

Your faithfully

A handwritten signature in black ink, appearing to be 'AR', written over a horizontal line.

Andrew Rees
Area Planning Manager