



Akzo Nobel Pty Ltd

31 May 2022

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Who are we?

Environment Protection Authority Victoria (EPA) is Victoria's environmental regulator.

What do we do?

We work with community, industry and business to prevent and reduce the harmful effects of pollution and waste on Victoria's environment and people.

Why do we do this?

Everyone has a role in preventing harm to Victoria's environment. Small acts that harm our environment add up and can have a big impact. Like you, we want Victoria's environment to be a liveable, healthy place.

How are you impacted?

From 1 July 2021, new laws will require everyone to take reasonable steps to identify and manage their risks to the environment. Contact EPA to help you understand your obligations under the law and receive guidance on how to meet your environmental duties.



Noise – Compliance Actions

- Reduction in pollution reports.
- Still some fan noise detected in community.
- Statutory Notice served to undertake further works to minimise noise under our GED.
- Noise wall through Council planning process.
- Monitoring plans to be assessed through a Licence Compliance Assessment in June.
- Continuing Investigations for non-compliance with EPA Licence and EP Act 2017.

Requirements

You are required to:

- By 30/06/22 you must install controls to the powder plant platform grate to reduce the risk of harm to human health and the environment from noise and vibration so far as reasonably practicable. This should include, but does not need to be limited to:
 - Rectifying the vibration of the grate by decoupling vibration sources of the Mill to the grate.
 - Installing rubber dampers on grate connections to supporting footings and also between grates.
 - Modifying the grate to remove any solid connections to other plant or services.
 - Using entrained air release tips for dust collector blow-offs.

Notice ID: IMPN-00002366

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Improvement notice

Environment Protection Act 2017

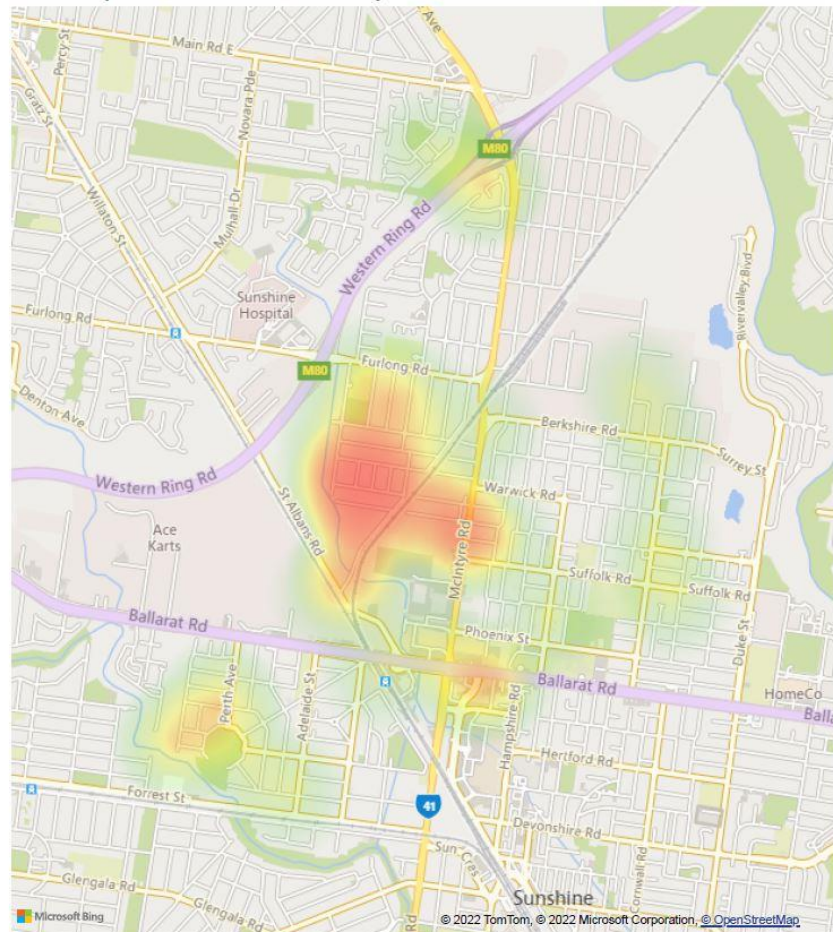
- Installing an enclosure over the dust collector heads.
- By 30/09/22 you must install reasonably practicable controls to the powder plant mill fan 3 to reduce the risk of harm to human health and the environment from noise and vibration so far as reasonably practicable. This should include, but does not need to be limited to:
 - The acoustic lagging of pipes, and;
 - The relocation of mill fan 3 to the ground.
 - By 06/01/23 you must install reasonably practicable controls to the powder plant mill fan 2 to reduce the risk of harm to human health and the environment from noise and vibration so far as reasonably practicable. This should include, but does not need to be limited to:
 - Installing acoustic lagging to the fan casing;
 - Replacing the fan with a quieter model;
 - Enclosing the fan motor;
 - Installing an attenuator to the top of the unit, and;
 - The relocation of mill fan 2 to the ground.

You must report to EPA:

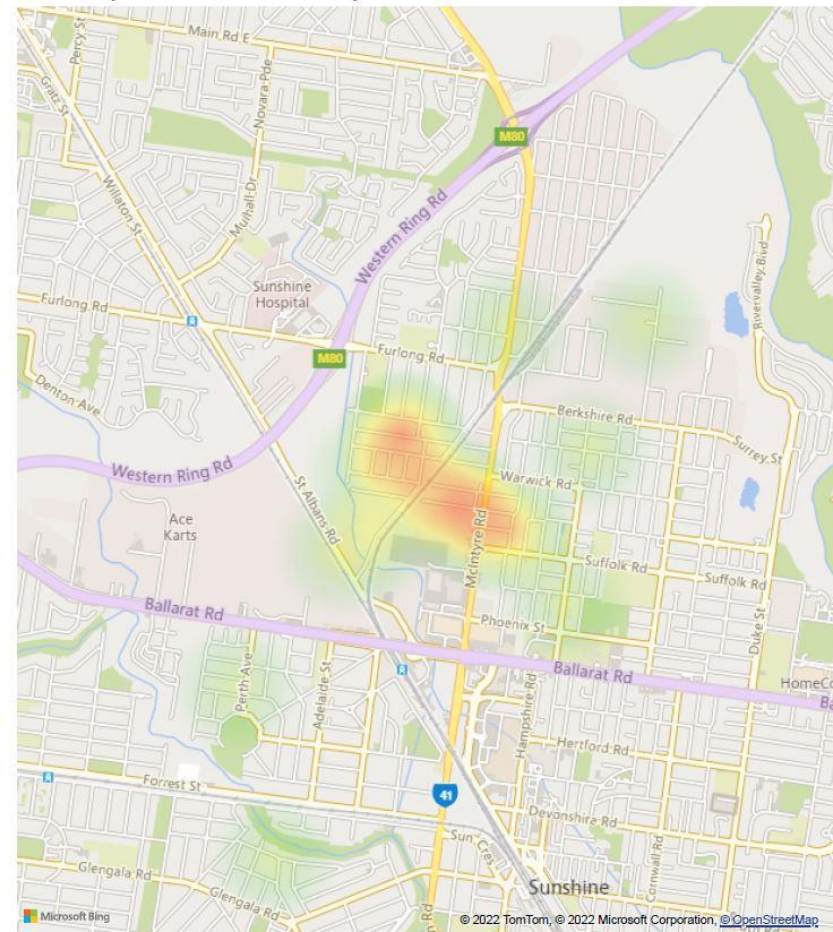
- By 28/10/22 you must in writing to the authorised officer, provide an update on how reasonably practicable controls to the mill fans and powder plant platform grate have been, or are likely to be installed, so to comply with the notice requirements.
- By 13/01/23 you must in writing to the authorised officer, provide a report that specifies how reasonably practicable controls to the mill fans and powder plant platform grate have been installed so to achieve compliance with the notice requirements. This report must be signed by your managing director, most senior executive, or a person authorised to speak on behalf of the notice recipient.

Odour pollution reports – Sunshine North

Odour Reports before RTO (Jan - May 2021)

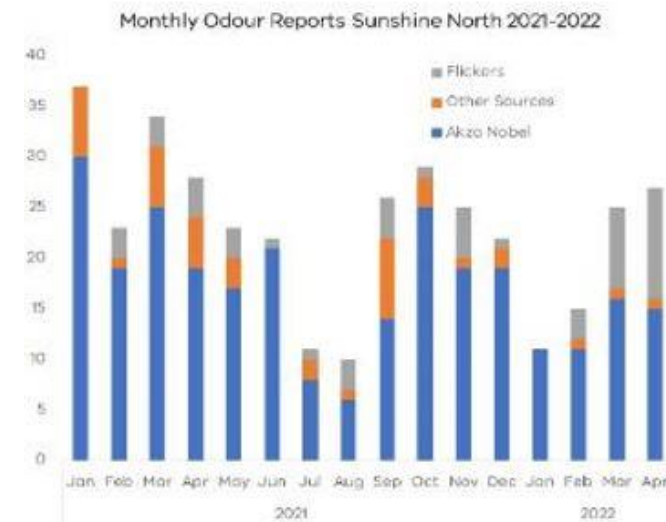


Odour Report after RTO (Jan - May 2022)





Odour pollution reports – Sunshine North



- Continued odour surveys
- Increase in other odour sources in area
- More detections of paint characteristics than resin characteristics



Odour sources – Akzo Nobel Paint Plant

- 9 staggered notice requirements to reduce odour from the paint plant on an interim basis.
- Elimination of odour through the night-time
- Safeguards for carbon saturation included.
- Long-term controls will still be required through GED.

Requirements

You are required to:

1. You must immediately reduce the hours of manufacturing paint in the paint production building to a maximum of 12 operating hours per day, as outlined in document "Paint Plant odour control plan IMPN-00002201"
2. By 30/06/22 you must modify the storage of waste paint tins and similar storage vessels so that the risk to human health and the environment from odour is minimised so far as reasonably practicable.
 - a) include a method for continuous VOC monitoring at the outlet of the control.
 - b) if it includes a stack, then that stack must be a minimum of 3 metres taller than any other structure within a 20 metre radius of the stack, and;
 - c) if it includes a stack, then that stack must emit exhaust at a speed of at least 10 metres per second.
3. By 30/06/22 you must divert the airflow of DP106 through an activated carbon filter or other interim control that will reduce the risk of harm to human health and the environment so far as reasonably practicable. This interim control must:
 - a) include a method for continuous VOC monitoring at the outlet of the control(s).
 - b) if they include stacks, then those stacks must be a minimum of 3 metres taller than any other structure within a 20 metre radius of the stacks, and;
 - c) if they include a stack, then that stack must emit exhaust at a speed of at least 10 metres per second.
4. By 01/08/22 you must divert the airflow of DP53 and DP13 through (an) activated carbon filter(s) or other interim control(s) that will reduce the risk of harm to human health and the environment so far as reasonably practicable. These interim control(s) must:
 - a) include a method for continuous VOC monitoring at the outlet of the control(s).
 - b) if they include stacks, then those stacks must be a minimum of 3 metres taller than any other structure within a 20 metre radius of the stacks, and;
 - c) if they include a stack, then that stack must emit exhaust at a speed of at least 10 metres per second.
5. By 01/08/22 you must provide to EPA a report which includes, but does not need to be limited to:
 - a) updated odour dispersion modelling that includes the effects of the inclusion of interim controls as required by requirements 2, 3 and 4 of this notice;
 - b) VOC monitoring results;
 - c) odour stack testing in accordance with Australian Standard AS4323: Stationary source emissions selection of sampling positions. This must also include characterisation of the odour.
 - d) any further recommendations for reasonably practicable interim controls for the paint production building, and;
 - e) recommendations for reasonably practicable long-term odour controls for the paint production building.
6. By 31/08/22 you must re-model the existing ducting system of the paint production building to improve the efficiency of extracting odour emissions from the paint production building and associated vessels.
7. By 31/10/22 you must divert the airflow of all remaining discharge points in the paint production building through an interim control that will reduce the risk of harm to human health and the environment so far as reasonably practicable. These interim controls must:
 - a) include a method for continuous VOC monitoring at the outlet of the controls.
 - b) if they include stacks, then those stacks must be a minimum of 3 metres taller than any other structure within a 20 metre radius of the stacks, and;
 - c) if they include a stack, then that stack must emit exhaust at a speed of at least 10 metres per second;
8. By 31/10/22 you must install rapid fall doors or a similar reasonably practicable control to external facing doors within the paint production building.

You must report to EPA:

- R1. By 07/11/22 you must in writing to the authorised officer, provide a report that specifies how you have achieved compliance with the notice requirements, and is signed by your managing director, most senior executive, or a person authorised to speak on behalf of the notice recipient



Licence Compliance Assessment

- Booked for June – currently assessing documentation.
- Will cover all EPA Licence conditions and monitoring programs.
- Will inform Enforcement actions.

Amenity Conditions

- LI_A1 You must ensure that odours offensive to the senses of human beings are not discharged, emitted or released beyond the boundaries of the premises.
- LI_A2 You must ensure that there are no emissions of noise and/or vibrations from the premises which are detrimental to either of the following:
- a) the environment in the area around the premises; and
 - b) the wellbeing of persons and/or their property in the area around the premises.
- LI_A3 You must ensure that nuisance dust and/or nuisance airborne particles are not discharged or emitted beyond the boundaries of the premises, except as permitted by this licence.

Waste Acceptance Conditions

Licence does not have any waste acceptance conditions.

Waste Management Conditions

Licence does not have any waste management conditions.

Landfill Conditions

Licence does not have any landfill conditions.

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SECTION 20 LICENCE

Air Conditions

- LI_DA1 Discharge of waste to air must be in accordance with the 'Discharge to Air' Table.

Discharge to Air Table - Maximum Discharge Rates

Discharge Point No	Description of Discharge Points	Indicator	Limit Type	Unit	Discharge Limit
BUBBLE	All Air Discharge Points	Total volatile organic compounds	Bubble	g/min	241
S0	Incinerator	Carbon monoxide	Maximum	g/min	78
		Chlorine compounds (as HCl)	Maximum	g/min	6.2
		Oxides of nitrogen (as NO ₂)	Maximum	g/min	25
		Sulfur dioxide	Maximum	g/min	9.3

g/min = grams/minute

- LI_DA2 Visible emissions to air other than steam must not be discharged from the premises, except as permitted by this licence.

Discharge to Air Table - Maximum Discharge Rates

Water Conditions

- LI_DW1 You must ensure that surface water discharged from the premises is not contaminated with waste.

Discharge to Water Table - Discharge Limits

Land Conditions

- LI_DL1 You must not contaminate land or groundwater.



Upcoming Compliance Actions

Time	Requirement
Immediately	- Limit hours of production in the paint plant.
June 2022	- Licence Compliance Assessment.
30 June 2022	- Divert airflow of DP106 through a Carbon Filter or similar control. - Modify storage of waste paint tins. - Install controls to the power plant grate noise.
1 August 2022	- Divert airflow of DP53 and DP13 through a Carbon filter or similar control. - Provide to EPA a report with monitoring, modelling, and recommendations.
31 August 2022	- Re-model existing ducting within the paint plant.
30 September 2022	- Install controls to Mill Fan 3 noise.
31 October 2022	- Divert airflow of remaining DP's in paint plant through control. - Install rapid fall doors or similar to paint plant.
6 January 2023	- Install controls to Mill Fan 2 noise.

Questions?

About our compliance actions or anything else?





1300 372 842 (1300 EPA VIC)

epa.vic.gov.au



For languages other than English please call 131 450. Visit epa.vic.gov.au/language-help for next steps.
If you need assistance because of a hearing or speech impairment, please visit relayservice.gov.au

This publication is for general guidance only. You should obtain professional advice if you have any specific concern. EPA Victoria has made every reasonable effort to ensure accuracy at the time of publication.