

# CONDITIONS OF APPROVAL

## Agency Interest: General

**General 1:** Prevent and /or minimise likelihood of environmental harm

In carrying out the environmentally relevant activities, you must take all reasonable and practicable measures to prevent and / or to minimise the likelihood of environmental harm being caused. Any environmentally relevant activity, that, if carried out incompetently, or negligently, may cause environmental harm, in a manner that could have been prevented, shall be carried out in a proper manner in accordance with the conditions of this approval.

NOTE: This approval authorises the environmentally relevant activity. It does not authorise environmental harm unless a condition contained within this approval explicitly authorises that harm. Where there is no condition or the approval is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.

**General 2:** Maintenance of measures, plant and equipment

The holder must:

- install all measures, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; and
- maintain such measures, plant and equipment in a proper and efficient condition; and
- operate such measures, plant and equipment in a proper and efficient manner.

**General 3:** Records

Any record required to be kept by a condition of this environmental authority must be kept at the licensed place and be available for examination by an authorised person for a minimum of five years.

**General 4:** Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the administering authority on request.

## Agency Interest: Air

**Air 1:** Nuisance

The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not

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cause a nuisance at any odour sensitive place.

**Air 2:** The release of contaminants to the atmosphere

The release of contaminants to the atmosphere from a point source must only occur from those release points identified in Table 1 and must be directed vertically upwards without any impedence or hindrance.

**Air 3:** Contaminants must be released to the atmosphere from a release point at a height and a flow rate not less than the corresponding height and velocity stated for that release point in Table 1.

**Air 4:** Contaminants must not be released to the atmosphere from a release point at a mass emission rate/concentration, as measured at a monitoring point, in excess of that stated in Table 1 and monitored not less frequently than mentioned in Table 1.

**Air 5:** When requested by the Administering Authority, contaminant monitoring and recording must be undertaken to investigate any complaint of contamination, and the results notified within 14 days to the administering authority. If you can provide evidence through monitoring that the limits in Table 1 are not being exceeded then you shall not be in breach of condition Air 4 with regards to any release of the contaminants listed in Schedule B Table 1. When monitoring is requested the following must be complied with:

- monitoring provisions for the release points listed in Table 1 must comply with the Australian Standard AS 4323.1 - 1995 'Stationary source emissions Method 1: Selection of sampling positions'.
- the following tests must be performed for each required determination specified in Table 1:
  - gas velocity and volume flow rate;
  - temperature
  - water vapour concentration (moisture content),
  - where practicable samples must be taken when emissions are expected to be at maximum rates.
  - during the sampling period the following additional information must be gathered:
    - production rate at the time of sampling;
    - raw materials used;
    - number of equipment and mixing vessels operating;
    - operating or mixing temperature;
    - product made; and

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- reference to the actual test methods and accuracy's.

**Air 6:** Other Release Points

Particulates must not be released to the atmosphere from a release point mentioned in Table 2 without continuous treatment through an appropriate control, for example a baghouse.

**Air 7:** Dust Nuisance

The release of dust and/or particulate matter resulting from the activity must not cause an environmental nuisance at any dust sensitive place.

**Air 8:** Exceedence of any of the following levels when measured, when requested in condition (Air 9), at any dust sensitive place is an environmental nuisance for the purposes of condition (Air 7).

- Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10 of 1991; or
- A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometer (um) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at a dust sensitive place downwind of the site, when monitoring in accordance with;
  - Australian Standard AS 3580.9.6 'Ambient air - Particulate matter - Determination of suspended particulate PM10 high-volume sample with size selective inlet - Gravimetric method'; or
  - Any alternative method of monitoring PM10 which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the Administering Authority.

**Air 9:** When requested by the Administering Authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the Administering Authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include;

- For a complaint alleging dust nuisance, dust deposition; and
- For a complaint alleging adverse health effects cause by dust, the concentration per cubic metre of particulate matter with an aerodynamic

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diameter of less than 10 micrometre (um) (PM10) suspended in the atmosphere over a 24 hour averaging time.

**Air 10:** The sulphur content in any fuel or blend of fuels burned in industrial fuel burning equipment is not to exceed three percent (3%) by weight.

## **Agency Interest: Impacts on surrounds**

**Impacts on surrounds 1:** Complaint response

All complaints received must be recorded including investigations undertaken, conclusions formed and action taken. This information must be made available to the administering authority on request.

**Impacts on surrounds 2:** In consultation with the administering authority, cooperate with and participate in any community environmental liaison committee established in respect of either the site specifically, or the industrial estate where the site is located.

**Impacts on surrounds 3:** Incident recording

A record must be maintained of events including but not limited to:

1. time, date and duration of pollution equipment where the failure of such equipment may result in serious or material environmental harm or environmental nuisance; and
2. shut downs of the kiln, baghouses or other pollution control equipment; and
3. monitoring and results of investigation conducted in response to the incident.

**Impacts on surrounds 4:** An incident mentioned in (Impact on Surrounds 3) must be reported to the Administering Authority if the incident causes or is likely to cause environmental harm.

## **Agency Interest: Land**

**Land 1:** Preventing contaminant release to land

Contaminants must not be released to land.

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**Land 2:** Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.

NOTE: All petroleum product storage's must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.

## **Agency Interest: Noise**

**Noise 1:** Noise nuisance

Noise from activities must not cause an environmental nuisance at any noise affected premises.

**Noise 2:** Noise monitoring

When requested by the Administering Authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include:

- LA 10, adj, 10 mins
- LA 1, adj, 10 mins
- the level and frequency of occurrence of impulsive or tonal noise;
- atmospheric conditions including wind speed and direction;
- effects due to extraneous factors such as traffic noise; and
- location, date and time of recording.

**Noise 3:** The method of measurement and reporting of noise levels must comply with the latest edition of the Environmental Protection Agency's Noise Measurement Manual.

## **Agency Interest: Waste**

**Waste 1:** Waste Management Plan (WMP)

The holder of this environmental authority must develop a Waste Management Plan which addresses, as far as practicable:

- a) auditing procedures and programme dates; and

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- b) prevention of waste; and
- c) treatment of waste; and
- d) disposal of waste; and

## **Agency Interest: Water**

**Water 1:** The holder of this environmental authority must develop a stormwater management plan which addresses, as far as practicable:

1. Avoidance and minimisation of stormwater contamination; and
2. Audit plans, including water sampling; and
3. Reuse, treatment and disposal of contaminated stormwater.

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