



Resource Recovery Exemption under Part 9, Clauses 91 and 92 of the Protection of the Environment Operations (Waste) Regulation 2014

The processed foundry sand exemption 2014

Introduction

This exemption:

- is issued by the Environment Protection Authority (EPA) under clauses 91 and 92 of the Protection of the Environment Operations (Waste) Regulation 2014 (Waste Regulation); and
- exempts a consumer of processed foundry sand from certain requirements under the *Protection of the Environment Operations Act 1997* (POEO Act) and the Waste Regulation in relation to the application of that waste to land, provided the consumer complies with the conditions of this exemption.

This exemption should be read in conjunction with 'the processed foundry sand order 2014'.

1. Waste to which this exemption applies

- 1.1. This exemption applies to processed foundry sand which is foundry sand that has been blended with either recovered aggregate or compost.
- 1.2. Foundry sand means material recovered from the moulds used in the hot casting of iron, steel and aluminium metals, comprised predominantly of sand and fine sand rejects from sand recovery systems. Processed foundry sand does not include other materials from foundries such as bag dusts, dross and slags, or processed foundry sand from the casting of other materials, including brass, bronze, stainless steel or any other metal alloys, combination of alloys or hot dipping or surface treating.

2. Persons to whom this exemption applies

- 2.1. This exemption applies to any person who applies, or intends to apply, processed foundry sand to land as set out in 1.1.

3. Duration

- 3.1. This exemption commences on 24 November 2014 and is valid until revoked by the EPA by notice published in the Government Gazette.

4. Premises to which this exemption applies

- 4.1. This exemption applies to premises at which the consumer's actual or intended application of processed foundry sand is carried out.

5. Revocation

- 5.1. 'The foundry sand in recovered aggregate exemption 2008' which commenced on 17 November 2008 is revoked from 24 November 2014.
- 5.2. 'The foundry sand exemption December 2006' which commenced on 1 December 2006 is revoked from 24 November 2014.

6. Exemption

- 6.1. Subject to the conditions of this exemption, the EPA exempts each consumer from the following provisions of the POEO Act and the Waste Regulation in relation to the consumer's actual or intended application of processed foundry sand in recovered aggregate or in compost to land at the premises:
 - section 48 of the POEO Act in respect of the scheduled activities described in clauses 39 and 42 of Schedule 1 of the POEO Act;
 - Part 4 of the Waste Regulation;
 - section 88 of the POEO Act; and
 - clause 109, 110 and 114 of the Waste Regulation.
- 6.2. The exemption does not apply in circumstances where processed foundry sand is received at a premises for which the consumer holds a licence under the POEO Act that authorises the carrying out of the scheduled activities on the premises under clause 39 'waste disposal (application to land)' or clause 40 'waste disposal (thermal treatment)' of Schedule 1 of the POEO Act.

7. Conditions of exemption

The exemption is subject to the following conditions:

- 7.1. At the time the processed foundry sand is received at the premises, the material must meet all chemical and other material requirements for processed foundry sand which are required on or before the supply of processed foundry sand under 'the processed foundry sand order 2014'.
- 7.2. Where the processed foundry sand is a blend of foundry sand and recovered aggregate, it can only be applied to land for road making activities, building, landscaping and construction works. This approval does not apply to any of the following applications:
 - 7.2.1. Construction of dams or related water storage infrastructure
 - 7.2.2. Mine site rehabilitation
 - 7.2.3. Quarry rehabilitation
 - 7.2.4. Sand dredge pond rehabilitation
 - 7.2.5. Back filling of quarry voids
 - 7.2.6. Raising or reshaping of land used for agriculture, and
 - 7.2.7. Construction of roads on private land unless:
 - 7.2.7.1. It is applied only to the minimum extent necessary for the construction of the road,

- 7.2.7.2. An applicable development consent has been granted for the activity,
 - 7.2.7.3. It is to provide access (temporary or permanent) to a development approved by a Council, or
 - 7.2.7.4. The works are either exempt or complying development.
- 7.3. Where the processed foundry sand is a blend of foundry sand and compost it can only be applied to land as a soil amendment.
- 7.4. The consumer must keep a written record of the following for a period of six years:
- the quantity and material blend (compost or recovered aggregate) of any processed foundry sand received; and
 - the name and address of the supplier of the processed foundry sand received.
- 7.5. The consumer must make any records required to be kept under this exemption available to authorised officers of the EPA on request.
- 7.6. The consumer must ensure that any application of processed foundry sand occurs within a reasonable period of time after its receipt.

8. Definitions

In this exemption:

application or apply to land means applying to land by:

- spraying, spreading or depositing on the land; or
- ploughing, injecting or mixing into the land; or
- filling, raising, reclaiming or contouring the land.

compost means material that meets the conditions of 'The compost order 2014'.

consumer means a person who applies, or intends to apply, processed foundry sand to land.

recovered aggregate means material that meets the conditions of 'The recovered aggregate order 2014'.

Manager Waste Strategy and Innovation

Environment Protection Authority

(by delegation)

Notes

The EPA may amend or revoke this exemption at any time. It is the responsibility of the consumer to ensure they comply with all relevant requirements of the most current exemption. The current version of this exemption will be available on www.epa.nsw.gov.au

In gazetting or otherwise issuing this exemption, the EPA is not in any way endorsing the use of this substance or guaranteeing that the substance will confer benefit.

The conditions set out in this exemption are designed to minimise the risk of potential harm to the environment, human health or agriculture, although neither this exemption nor the accompanying order guarantee that the environment, human health or agriculture will not be harmed.

The consumer should assess whether or not the processed foundry sand in recovered aggregate, or in compost or artificial soil, is fit for the purpose the material is proposed to be used for, and whether this use will cause harm. The consumer may need to seek expert engineering or technical advice.

Regardless of any exemption provided by the EPA, the person who causes or permits the application of the substance to land must ensure that the action is lawful and consistent with any other legislative requirements including, if applicable, any development consent(s) for managing operations on the site(s).

The receipt of processed foundry sand in recovered aggregate, or in compost or artificial soil, remains subject to other relevant environmental regulations in the POEO Act and the Waste Regulation. For example, a person who pollutes land (s. 142A) or water (s. 120), or causes air pollution through the emission of odours (s. 126), or does not meet the special requirements for asbestos waste (Part 7 of the Waste Regulation), regardless of having an exemption, is guilty of an offence and subject to prosecution.

This exemption does not alter the requirements of any other relevant legislation that must be met in utilising this material, including for example, the need to prepare a Safety Data Sheet (SDS).

Failure to comply with the conditions of this exemption constitutes an offence under clause 91 of the Waste Regulation.