

## Masonry and Related Products

### Trade Waste Guideline No. 38

#### INTRODUCTION

Trade waste discharges from masonry related activities have the potential to adversely affect the sewerage system. Appropriate management practices at each site are therefore necessary. For the purpose of this Guideline, 'Masonry and Related Products' refers to the manufacture of products from plaster, clay, concrete, stone or glass and their surface finishing. This Guideline pertains, but is not restricted to:

- Manufacture of bricks and tiles
- Stone masons
- School art/craft facilities
- Dental technicians and investment casting
- Ceramics and pottery workshops
- Glass and mirror fabricators
- Plasterboard and decorative mouldings
- Architectural/ornamental concrete mouldings
- Cutting of any masonry related products

#### KEY TRADE WASTE QUALITY REQUIREMENTS

PARAMETER	GENERALLY ACCEPTED LEVEL
Suspended Solids	<500 mg/L average
Grease/Oil	<100 mg/L
pH	Between 6-10 units
Temperature	<38°C
Flow rate to sewer	Dependant on capacity of receiving sewer

*Note: Discharge limits may be varied under certain circumstances for individual dischargers.*

#### BEST PRACTICE MANAGEMENT ASPECTS

- Areas are dry cleaned/swept to remove coarse solids before wash down.
- Safeguards in place to prevent any waste water from entering the stormwater system.

#### TYPICAL PRETREATMENT

- Only waste waters meeting [SA Water's Standards of Acceptance](#) are discharged to sewer.
- Where gross solids are present, waste water discharges via a 225mm silt trap fitted with mesh basket or holed bucket with 3mm mesh/hole size or discharges via a graded channel fitted with removable screens (the finest to have 3mm mesh/hole size).
- Where suspended solids (particles that would pass through a 3mm screen) are present, waste water discharges via a suitably sized, designed, and approved settling chamber.
- Additional pre-treatment of waste waters, such as pH correction and removal of heavy metals are installed where necessary.
- All chemicals used on site are disposed of in accordance with [Trade Waste Disposal of Laboratory Chemicals Guideline No. 21](#).
- Those waste waters and chemical solutions not permitted to be discharged to sewer are stored in approved containers and/or blind tanks pending disposal by a licensed liquid waste contractor in accordance with [Trade Waste Blind Tank Guideline No. 3](#).

#### ADDITIONAL INFORMATION

Mains Water Protection (AS/NZS3500-2003 Part 1), [Trade Waste Bunding Guideline No.4](#), [Trade Waste Mobile Operators Guideline No.30](#), [Trade Waste General Policy](#).

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Further information  
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