

# Environment Protection Licence



Licence - 549

## Licence Details

Number:	549
Anniversary Date:	01-October

## Licensee

CHEMICALS AUSTRALIA OPERATIONS PTY LTD

LEVEL 3,1 NICHOLSON STREET

EAST MELBOURNE VIC 3002

## Premises

CHEMICALS AUSTRALIA

GATE 1, FORESHORE ROAD

PORT KEMBLA NSW 2505

## Scheduled Activity

Chemical Storage

Resource Recovery

Shipping in Bulk

Waste Storage

## Fee Based Activity

### Scale

Chemical storage waste generation	> 100 T generated or stored
General chemicals storage	> 5000-100000 kL stored
Recovery of hazardous and other waste	> 0 T recovered
Shipping in bulk	> 100000-500000 T loaded and unloaded
Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	> 0 T stored

## Region

Metropolitan - Illawarra

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NSW 2520

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## Information about this licence

### Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

### Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

### Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

### Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

### Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

### Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

## Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

## Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

## This licence is issued to:

<b>CHEMICALS AUSTRALIA OPERATIONS PTY LTD</b>
<b>LEVEL 3,1 NICHOLSON STREET</b>
<b>EAST MELBOURNE VIC 3002</b>

subject to the conditions which follow.

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## 1 Administrative Conditions

### A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Chemical Storage	Chemical storage waste generation	> 100 T generated or stored
Chemical Storage	General chemicals storage	> 5000 - 100000 kL stored
Resource Recovery	Recovery of hazardous and other waste	> 0 T recovered
Shipping in Bulk	Shipping in bulk	> 100000 - 500000 T loaded and unloaded
Waste Storage	Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	> 0 T stored

### A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
CHEMICALS AUSTRALIA
GATE 1, FORESHORE ROAD
PORT KEMBLA
NSW 2505
LOT 2 DP 206996, LOT 1 DP 621817, LOT 1 DP 1079726
<ul style="list-style-type: none"> <li>• LOT 1 - 1079726: PRIMARY PLANT.</li> <li>• LOT 1 - 621817 AND PART LOT 2 - 206996: SECONDARY SITE HOUSES</li> <li>THREE SULPHURIC ACID IMPORT TANKS - 8, 9, AND 12.</li> <li>• SHIP TO SHORE PIPELINE USED TO TRANSPORT SULPHURIC ACID BETWEEN NO 4 JETTY AND ORICA'S PORT KEMBLA PREMISES AS SHOWN ON DRAWING "ORICA CHEMICALS - PORT KEMBLA, #4 JETTY EXPORT PIPELINE, CULVERT RENEWAL, EPA COMMUNICATION DRAWINGS" DATED 20/3/12. HELD ON EPA FILE LIC07/997-04.</li> </ul>

### A3 Information supplied to the EPA

A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

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In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

## 2 Discharges to Air and Water and Applications to Land

### P1 Location of monitoring/discharge points and areas

- P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	Spent Acid Plant Stack marked LDP1 on drawing N17600, dated 23-04-12. Held on EPA file as LIC07/997-04.
2	Discharge to air; air emissions monitoring	Discharge to air; air emissions monitoring	SMBS Plant Stack marked LDP2 on drawing N17600, dated 23-04-12. Held on EPA file as LIC07/997-04.

- P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

- P1.3 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

<i>Water and land</i>			
EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
4	Discharge to waters; effluent quality monitoring	Discharge to waters; effluent quality monitoring	Pipe discharging to Council drain adjacent to No 7 sulphuric acid tank - marked LDP4 on drawing N17600, dated 23-04-12. Held on EPA file as LIC07/997-04.

## 3 Limit Conditions

### L1 Pollution of waters

- L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with

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section 120 of the Protection of the Environment Operations Act 1997.

## L2 Concentration limits

- L2.1 For each monitoring/discharge point or utilisation area specified in the table\&s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.
- L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\&s.
- L2.4 Air Concentration Limits

### POINT 1

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Sulphur dioxide	milligrams per cubic metre	2800	Dry, 273 K, 101.3 kPa		1 hour block
Sulphur trioxide	milligrams per cubic metre	50	Dry, 273 K, 101.3 kPa		Minimum 1 hour block

### POINT 2

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Sulphur dioxide	milligrams per cubic metre	560	Dry, 273 K, 101.3 kPa		1 hour block

- L2.5 Water and/or Land Concentration Limits

### POINT 4

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
pH	pH				6.5-8.5
TSS (Dry)	milligrams per litre				40
TSS (Wet)	milligrams per litre				150



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- L2.6 Wet weather conditions means weather conditions in which ten (10) or more millimetres of rain falls within a 24 hour period.

## L3 Volume and mass limits

- L3.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
- liquids discharged to water; or;
  - solids or liquids applied to the area;
- must not exceed the volume/mass limit specified for that discharge point or area.

Point	Unit of Measure	Volume/Mass Limit
4	kilolitres per day	1000

## L4 Waste

- L4.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.
- Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.
- Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.
- This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
B100	Acidic solutions or acids in solid form			The quantity stored on the premises must not exceed 22000 tonnes at any one time. The quantity processed or resource recovered at the premises must not exceed 22000 tonnes per year.
NA	General or Specific exempted waste			NA
NA	Waste			NA

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## 4 Operating Conditions

### O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

### O2 Maintenance of plant and equipment

O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:

- a) must be maintained in a proper and efficient condition; and
- b) must be operated in a proper and efficient manner.

### O3 Dust

O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.

### O4 Emergency response

O4.1 Within 6 months of the date of the issue of this licence, the licensee must develop, or update, an emergency response plan which documents the procedures to deal with all types of incidents (e.g. spill, explosions or fire) that may occur at the premises or outside of the premises (e.g. during transfer) which are likely to cause harm to the environment.

### O5 Waste management

O5.1 The licensee must ensure that any liquid and/or non-liquid waste generated and/or stored and/or processed and/or recovered at the premises is assessed and classified in accordance with the DECC Waste Classification Guidelines as in force from time to time.

O5.2 The licensee must ensure that waste identified for recycling is stored separately from other waste.

O5.3 All above ground tanks containing material that is likely to cause environmental harm must be bunded or have an alternative spill containment system in place.

O5.4 The licensee must ensure that suitable measures (e.g. high/low alarms, control valves with interlock control, one way valves) are installed on all tanks, ponds or clarifiers and associated pipes and hoses to prevent the spillage of waste.

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## 5 Monitoring and Recording Conditions

### M1 Monitoring records

M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

M1.2 All records required to be kept by this licence must be:

- a) in a legible form, or in a form that can readily be reduced to a legible form;
- b) kept for at least 4 years after the monitoring or event to which they relate took place; and
- c) produced in a legible form to any authorised officer of the EPA who asks to see them.

M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:

- a) the date(s) on which the sample was taken;
- b) the time(s) at which the sample was collected;
- c) the point at which the sample was taken; and
- d) the name of the person who collected the sample.

### M2 Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Air Monitoring Requirements

#### POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Sulphur dioxide	milligrams per cubic metre	Continuous	CEM-2
Sulphur trioxide	milligrams per cubic metre	Quarterly	TM-3

#### POINT 2

Pollutant	Units of measure	Frequency	Sampling Method
Sulphur dioxide	milligrams per cubic metre	Continuous	CEM-2

M2.3 Water and/ or Land Monitoring Requirements

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## POINT 4

Pollutant	Units of measure	Frequency	Sampling Method
pH	pH	Continuous during discharge	In line instrumentation
TSS (Dry)	milligrams per litre	Continuous during discharge	In line instrumentation
TSS (Wet)	milligrams per litre	Continuous during discharge	In line instrumentation

M2.4 Compliance with limits for LDP 4 will be determined by sampling continuously during discharge and averaging the results over the period of the discharge.

M2.5 The licensee must keep a records of all discharges. This must include but not be limited to:

- the date and time the discharge occurred;
- the duration of the discharge
- the maximum concentration recorded during each discharge;
- the average concentration over the discharge period;
- the time interval for each data point (ie. the number of data points per minute); and
- the weather conditions at the time of the discharge.

## M3 Testing methods - concentration limits

- M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:
- a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
  - b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
  - c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2010* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

- M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

## M4 Environmental monitoring

- M4.1 The licensee is required to install and maintain a rainfall depth measuring device.

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M4.2 Rainfall at the premises must be measured and recorded in millimetres per 24 hour period, at the same time each day.

M4.3 The rainfall monitoring data collected in compliance with Licence Condition M4.2 must be used to determine compliance with Licence Condition L2.5.

## **M5 Recording of pollution complaints**

M5.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M5.2 The record must include details of the following:

- a) the date and time of the complaint;
- b) the method by which the complaint was made;
- c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- d) the nature of the complaint;
- e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- f) if no action was taken by the licensee, the reasons why no action was taken.

M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.

## **M6 Telephone complaints line**

M6.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M6.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M6.3 The preceding two conditions do not apply until 3 months after:

- a) the date of the issue of this licence or
- b) if this licence is a replacement licence within the meaning of the Protection of the Environment Operations (Savings and Transitional) Regulation 1998, the date on which a copy of the licence was served on the licensee under clause 10 of that regulation.

## **M7 Requirement to monitor volume or mass**

M7.1 For each discharge point or utilisation area specified below, the licensee must monitor:

- a) the volume of liquids discharged to water or applied to the area;
- b) the mass of solids applied to the area;

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c) the mass of pollutants emitted to the air;  
at the frequency and using the method and units of measure, specified below.

## POINT 4

Frequency	Unit of Measure	Sampling Method
Daily	kilolitres per day	Flow meter and continuous logger

## 6 Reporting Conditions

### R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:  
a) a Statement of Compliance; and  
b) a Monitoring and Complaints Summary.  
At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:  
a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and  
b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:  
a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or  
b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

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- a) the licence holder; or
- b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

## R2 Notification of environmental harm

- R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.
- R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

## R3 Written report

- R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
  - a) where this licence applies to premises, an event has occurred at the premises; or
  - b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.
- R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.
- R3.3 The request may require a report which includes any or all of the following information:
  - a) the cause, time and duration of the event;
  - b) the type, volume and concentration of every pollutant discharged as a result of the event;
  - c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
  - d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
  - e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
  - f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
  - g) any other relevant matters.
- R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

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## 7 General Conditions

### G1 Copy of licence kept at the premises or plant

- G1.1 A copy of this licence must be kept at the premises to which the licence applies.
- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

### G2 Other general conditions

#### G2.1 Ship to Shore Sulphuric Acid Pipeline Bund

- G2.2 The bund containing the ship to shore sulphuric acid pipeline identified at Condition A2.1 must not be used for pipeline redundancy and must only be used for emergency purposes.

#### G2.3 Completed Pollution Studies and Reduction Programs (PRPs)

PRP	Description	Completed Date
PRP 1 Replacement of Cold Interpass Heat Exchanger in the SARP	Replacement of Cold Interpass Heat Exchanger in the SARP. Reduces potential for licence breaches of the SO <sub>2</sub> limit from SARP stack. Lowers the overall SO <sub>2</sub> emissions from the SARP during normal operation.	31-December-2002
PRP2 Reduction of Sulfur Dioxide Emissions	PRP2 Reduction of Sulfur Dioxide Emissions. Eliminate ground level fugitive emissions from the plant and eliminate discharge limit exceedances from the SARP and SMBS stacks	08-October-2004
PRP 3 Cooling water reuse investigation and implem	PRP 3 Cooling water reuse investigation and implementation. Licensee to investigate suitable options for the reuse of cooling water that is currently discharged to the environment.	31-December-2008
PRP 4 Total Suspended Solids Investigation	PRP 4 - Total Suspended Solids Investigation. Investigate options to continuously achieve a TSS concentration limit of 50 mg/L at LDP 4.	29-October-2010
PRP 5 Wastewater Treatment System Modifications	PRP 5 - Modify wastewater treatment system to enable effluent not meeting discharge limits to be recirculated back to the treatment system.	26-June-2012
PRP 6 Sulfur Dioxide and Sulfuric Acid Mist/Sulfur Trioxide Study	PRP 6 -Determine if sulfur dioxide (SO <sub>2</sub> ) and sulfuric acid mist/ sulfur trioxide as SO <sub>3</sub> emissions from Licensed Discharge Point 1 (LDP1) the Spent Acid Regeneration Plant (SARP) and LDP 2 Sodium Metabisulfite Plant (SMBS) meet recognised air impact assessment criteria at all times.	18-January-2013



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## Dictionary

### General Dictionary

<b>3DGM [in relation to a concentration limit]</b>	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
<b>Act</b>	Means the Protection of the Environment Operations Act 1997
<b>activity</b>	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
<b>actual load</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>AM</b>	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
<b>AMG</b>	Australian Map Grid
<b>anniversary date</b>	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
<b>annual return</b>	Is defined in R1.1
<b>Approved Methods Publication</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>assessable pollutants</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>BOD</b>	Means biochemical oxygen demand
<b>CEM</b>	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
<b>COD</b>	Means chemical oxygen demand
<b>composite sample</b>	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
<b>cond.</b>	Means conductivity
<b>environment</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>environment protection legislation</b>	Has the same meaning as in the Protection of the Environment Administration Act 1991
<b>EPA</b>	Means Environment Protection Authority of New South Wales.
<b>fee-based activity classification</b>	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
<b>general solid waste (non-putrescible)</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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<b>flow weighted composite sample</b>	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
<b>general solid waste (putrescible)</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>grab sample</b>	Means a single sample taken at a point at a single time
<b>hazardous waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>licensee</b>	Means the licence holder described at the front of this licence
<b>load calculation protocol</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>local authority</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>material harm</b>	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
<b>MBAS</b>	Means methylene blue active substances
<b>Minister</b>	Means the Minister administering the Protection of the Environment Operations Act 1997
<b>mobile plant</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>motor vehicle</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>O&amp;G</b>	Means oil and grease
<b>percentile [in relation to a concentration limit of a sample]</b>	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
<b>plant</b>	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
<b>pollution of waters [or water pollution]</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>premises</b>	Means the premises described in condition A2.1
<b>public authority</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>regional office</b>	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
<b>reporting period</b>	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
<b>restricted solid waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>scheduled activity</b>	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
<b>special waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>TM</b>	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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<b>TSP</b>	Means total suspended particles
<b>TSS</b>	Means total suspended solids
<b>Type 1 substance</b>	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
<b>Type 2 substance</b>	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
<b>utilisation area</b>	Means any area shown as a utilisation area on a map submitted with the application for this licence
<b>waste</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>waste type</b>	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non - putrescible), special waste or hazardous waste

Ms Nadia Kanhoush

Environment Protection Authority

(By Delegation)

Date of this edition: 24-October-2000

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## End Notes

- 1 Licence varied by notice 1014746, issued on 02-Oct-2002, which came into effect on 27-Oct-2002.
- 2 Licence varied by notice 1026498, issued on 22-Sep-2003, which came into effect on 17-Oct-2003.
- 3 Licence varied by notice 1032779, issued on 03-Dec-2003, which came into effect on 28-Dec-2003.
- 4 Licence varied by notice 1039420, issued on 19-Aug-2004, which came into effect on 24-Aug-2004.
- 5 Licence varied by notice 1042372, issued on 01-Jun-2005, which came into effect on 26-Jun-2005.
- 6 Licence varied by change to DEC Region allocation, issued on 16-Mar-2006, which came into effect on 16-Mar-2006.
- 7 Licence varied by notice 1064315, issued on 05-Apr-2007, which came into effect on 05-Apr-2007.
- 8 Licence varied by notice 1074292, issued on 04-Mar-2008, which came into effect on 04-Mar-2008.
- 9 Licence varied by notice 1091950, issued on 12-Sep-2008, which came into effect on 12-Sep-2008.
- 10 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 11 Licence varied by notice 1098618, issued on 24-Mar-2009, which came into effect on 24-Mar-2009.
- 12 Licence varied by notice 1099605, issued on 17-Dec-2010, which came into effect on 17-Dec-2010.
- 13 Licence varied by notice 1501548 issued on 01-Nov-2011
- 14 Licence varied by notice 1502650 issued on 22-Dec-2011
- 15 Licence varied by notice 1503665 issued on 20-Feb-2012
- 16 Licence varied by notice 1505317 issued on 04-Jun-2012
- 17 Licence varied by notice 1506902 issued on 14-Aug-2012
- 18 Licence transferred through application 1513383 approved on 11-Apr-2013 , which came into effect on 15-Apr-2013
- 19 Licence varied by notice 1513970 issued on 07-May-2013
- 20 Licence transferred through application 1528401 approved on 12-Feb-2015 , which came into effect on 12-Feb-2015

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