



# Licence

## *Environmental Protection Act 1986, Part V*

**Licensee:** **Fulton Hogan Industries Pty Ltd**

**Licence:** **L6144/1990/10**

**Registered office:** Lot 1 Talbot Road  
HAZELMERE WA 6055

**ACN:** 000 538 689

**Premises address:** Picton Asphalt Plant  
109 Harris Road  
PICTON WA 6229  
Being Lot 109 on Plan 301893, as depicted in Schedule 1.

**Issue date:** Thursday, 21 August 2014

**Commencement date:** Thursday, 28 August 2014

**Expiry date:** Tuesday, 27 August 2019

**Prescribed premises category**  
Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Approved Premises production or design capacity
35	Asphalt manufacturing - premises on which hot or cold mix asphalt is produced using crushed or ground rock aggregates mixed with bituminous or asphaltic materials for use at a place or premises other than those premises.	Not applicable	30,000 tonnes per annual period

### **Conditions**

This Licence is subject to the conditions set out in the attached pages.

.....  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*



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## Introduction

This Introduction is not part of the Licence conditions.

### DER's industry licensing role

The Department of Environment Regulation (DER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DER works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

### Licence requirements

This Licence is issued under Part V of the Act. Conditions contained within the Licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- *Environmental Protection (Controlled Waste) Regulations 2004* – these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.

Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.





#### Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

#### Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

#### Premises description and Licence summary

The Picton Asphalt Plant is an asphalt manufacturing plant located on the outskirts of Bunbury, in the Picton light industrial area. The closest residential properties are approximately 1.5 km to the north-west.

The plant is an oil-fired batch-mix plant with a production capacity of 30 tonnes per hour (nominal annual throughput 30,000 tpa). The process uses a mixture of graded aggregate and liquid bitumen, which is heated and mixed in measured quantities to produce hot mix asphalt materials. Raw materials, including sand, aggregate, lime filler and bitumen, are stored on-site in bulk quantities. The primary environmental considerations from the process relate to air emissions, fugitive dust and odour and stormwater management.

This Licence is the successor to licence L6144/1990/9 and includes standard template changes following conversion to REFIRE format in July 2013. The licences and works approvals issued for the Premises since its establishment in 1990 are:

Instrument log		
Instrument	Issued	Description
W470	15/05/1990	Works approval for construction of a new 60 tph hot-mix manufacturing plant. Issued by EPA to Pioneer Asphalts Pty Ltd.
L2439	08/11/1990	First operational licence issued by EPA.
L5084	18/08/1994	New licence. Issued by DEP to Pioneer Road Services Pty Ltd.
L6144	04/10/1995	Licence reissue. Issued for 3 years.
L6144/2	01/10/1999	Licence reissue.
L6144/3	06/09/2000	Licence reissue.
L6144/4	19/09/2001	Licence reissue.
L6144/5	18/09/2002	Licence reissue.
L6144/6	22/09/2003	Licence reissue.
L6144/6	24/08/2004	Licence reissue. Stack monitoring requirements added.
L6144/7	04/07/2005	Licence reissue. Issued for 3 years.
L6144/1990/8	28/08/2008	Licence reissue. Issued for 3 years.
L6144/1990/8	11/03/2010	Licence amendment to allow storage of aggregate >7 mm outside of the 3-sided bins, consistent with other asphalt plant licences.
L6144/1990/9	18/08/2011	Licence reissue. Issued to Fulton Hogan Industries Pty Ltd. Issued for 3 years.
L6144/1990/9	05/07/2013	DER amendment to convert to REFIRE format.
L6144/1990/10	21/08/2014	Licence reissue.

#### Severance

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

END OF INTRODUCTION



## Licence conditions

### 1 General

#### 1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

**'Act'** means the *Environmental Protection Act 1986*;

**'annual period'** means the inclusive period from 1 July until 30 June in the following year;

**'AS 4323.1'** means the Australian Standard AS4323.1 *Stationary Source Emissions Method 1: Selection of sampling positions*;

**'averaging period'** means the time over which a limit or target is measured or a monitoring result is obtained;

**'CEMS'** means continuous emissions monitoring system;

**'CEMS Code'** means the current version of the Continuous Emission Monitoring System (CEMS) Code for Stationary Source Air Emissions, Department of Environment & Conservation, Government of Western Australia;

**'CEO'** means Chief Executive Officer of the Department of Environment Regulation;

**'CEO'** for the purpose of correspondence means;

Manager Licensing (Greater Swan)  
Department of Environment Regulation  
PO Box 1693  
BUNBURY WA 6231  
Telephone: (08) 9725 4300  
Facsimile: (08) 9725 4351  
Email: grswanbunbury@der.wa.gov.au;

**'clean water'** means water that prior to being used as scrubber feed is either fresh potable water or recirculated water that has passed through at least two stages of settling;

**'code of practice for the storage and handling of dangerous goods'** means the document titled "Storage and handling of dangerous goods: Code of Practice" published by the Department of Mines and Petroleum, as amended from time to time;

**'cold feed bins'** means bins into which raw materials are placed immediately prior to being used to manufacture asphalt. They differ from ground bins by being physically attached to conveyors leading directly into the asphalt manufacturing plant;

**'dangerous goods'** has the meaning defined in the *Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007*;

**'environmentally hazardous material'** means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities.



The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;

**'fugitive emissions'** means all emissions not arising from point sources;

**'ground bin'** means a three sided concrete structure with a hardstand base, used to store granular raw materials;

**'ISO 13320:2009'** means the International Organization for Standardization ISO 13320:2009 *Particle size analysis – Laser diffraction methods*;

**'Licence'** means this Licence numbered L6144/1990/10 and issued under the Act;

**'Licensee'** means the person or organisation named as Licensee on page 1 of the Licence;

**'NATA'** means the National Association of Testing Authorities, Australia;

**'NATA accredited'** means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

**'normal operating conditions'** means any operation of a particular process (including abatement equipment) excluding start-up, shut-down and upset conditions, in relation to stack sampling or monitoring;

**'NO<sub>x</sub>'** means oxides of nitrogen, calculated as the sum of nitric oxide and nitrogen dioxide and expressed as nitrogen dioxide;

**'PM'** means total particulate matter including both solid fragments of material and miniscule droplets of liquid;

**'PM<sub>10</sub>'** means particles with an aerodynamic diameter of less or equal to 10 µm;

**'Premises'** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

**'Schedule 1'** means Schedule 1 of this Licence unless otherwise stated;

**'Schedule 2'** means Schedule 2 of this Licence unless otherwise stated;

**'stack test'** means a discrete set of samples taken over a representative period at normal operating conditions;

**'STP dry'** means standard temperature and pressure (0°Celsius and 101.325 kilopascals respectively), dry;

**'USEPA'** means United States (of America) Environmental Protection Agency;

**'USEPA Method 2'** means the USEPA Method 2 *Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)*;

**'USEPA Method 201A'** means the USEPA Method 201A *Determination of PM<sub>10</sub> and PM<sub>2.5</sub> Emissions from Stationary Sources (Constant Sampling Rate Procedure)*;

**'USEPA Method 6C'** means the USEPA Method 6C *Determination of Sulfur Dioxide Emissions from Stationary Sources (Instrument Analyser Procedure)*;

**'USEPA Method 7E'** means the USEPA Method 7E *Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrument Analyser Procedure)*;





**'USEPA Method 10'** means the USEPA Method 10 *Determination of Carbon Monoxide Emissions from Stationary Sources*; and

**'USEPA Method 18'** means the USEPA Method 18 *Measurement of Gaseous Organic Compound Emissions by Gas Chromatography*.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the the standard in force from time to time during the term of this Licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

## **1.2 General conditions**

1.2.1 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:

- (a) pollution;
- (b) unreasonable emission;
- (c) discharge of waste in circumstances likely to cause pollution; or
- (d) being contrary to any written law.

1.2.2 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.

1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous materials are stored in accordance with the code of practice for the storage and handling of dangerous goods.

1.2.4 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.2.5 The Licensee shall:

- (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
- (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.<sup>1</sup>

Note 1: The *Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.

## **1.3 Premises operation**

1.3.1 The Licensee shall ensure that automatic safeguards are incorporated within this process to prevent the ignition of bitumen within the drum.

1.3.2 The Licensee shall ensure that the wat scrubber is:

- (a) only fed with clean water;
- (b) operational prior to start up of the drier; and
- (c) operates continuously whilst the drier is operating.

1.3.3 The licensee shall ensure that the level of the deposited sludge in the wat scrubbing system secondary pit is kept below the recirculation inlet pipe.



- 1.3.4 No raw materials, materials or fuels, listed in Table 1.3.1 shall be subjected to the process in that table unless they comply with the relevant specifications in that table.

**Table 1.3.1: Processing of materials**

Material	Process	Specification
Granular raw materials	Storage and transport on the Premises	The Licensee shall ensure that; (a) all bulk aggregate material less than 7 mm in diameter, including sand and crusher dust (stockpiles) is stored in ground bins; (b) cold feed bins are roofed; (c) all bins comprise of at least three sides and be of sufficient capacity to contain the stored materials; (d) at no time the height of the stored materials in any bins exceed the height of the bin walls; and (e) all conveyors transporting aggregate granular materials to the drum drier are enclosed with windshields, or otherwise appropriately designed to minimise the generation of airborne dust.

## 2 Emissions

### 2.1 General

- 2.1.1 The Licensee shall record and investigate the exceedance of any descriptive or numerical limit or target specified in any part of section 2 of this Licence.

### 2.2 Point source emissions to air

- 2.2.1 The Licensee shall ensure that where waste is emitted to air from the emission points in Table 2.2.1 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

**Table 2.2.1: Emission points to air**

Emission point reference and location on Map of emission points	Emission Point and source	Emission point height (m)	Source, including any abatement
A1	Stack receiving scrubbed gases from drum drier	At least 12 m above ground level OR the height of any building at a distance of less than 1.5 times the stack height from the stack + 3 m, whichever is greatest.	Drum dryer via wet scrubber

- 2.2.2 The Licensee shall take all practical measures to ensure that the process control parameters in Table 2.2.2 comply with the requirements specified in that table.

**Table 2.2.2: Process controls for emissions to air**

Parameter	Requirement	Averaging period
Exit velocity of exhaust gases from A1	≥12 m/s	Stack test (60 minutes)

### 2.3-2.4 Point source emissions to surface water and groundwater

There are no specified conditions relating to point source emissions to surface water or groundwater in this section.

### 2.5 Emissions to land

There are no specified conditions relating to emissions to land in this section.



## **2.6 Fugitive emissions**

2.6.1 The Licensee shall use all reasonable and practical measures to prevent and where that is not practicable to minimise dust emissions from the Premises.

2.6.2 The Licensee shall ensure that no visible dust generated by the activities on the Premises crosses the boundary of the Premises.

## **2.7 Odour**

2.7.1 The Licensee shall ensure that odour emitted from the Premises does not unreasonably interfere with the health, welfare, convenience, comfort or amenity of any person who is not on the Premises.

## **2.8 Noise**

There are no specified conditions relating to noise in this section.

# **3 Monitoring**

## **3.1 General monitoring**

3.1.1 The licensee shall ensure that all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured (unless indicated otherwise in the relevant table).

3.1.2 The Licensee shall ensure that annual monitoring is undertaken at least 9 months apart.

3.1.3 The Licensee shall record production or throughput data and any other process parameters relevant to any non-continuous or CEMS monitoring undertaken.

3.1.4 The Licensee shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.

3.1.5 The Licensee shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.





### 3.2 Monitoring of point source emissions to air

3.2.1 The Licensee shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

Table 3.2.1: Monitoring of point source emissions to air					
Emission point reference	Parameter	Units <sup>1,4</sup>	Averaging period	Frequency <sup>2</sup>	Method
A1	Stack velocity	m/s	Stack test (60 minutes)	Annual	USEPA Method 2
	TSP	mg/m <sup>3</sup>			USEPA Method 5
	PM	g/s			USEPA Method 201A, or Particle Size Analysis <sup>3</sup>
	PM <sub>10</sub>				
	Carbon monoxide				USEPA Method 10
	NO <sub>x</sub>				USEPA Method 7E
	Sulfur dioxide				USEPA Method 6C
	Volatile organic compounds				USEPA Method 18

Note 1: All units are referenced to STP dry.

Note 2: Monitoring shall be undertaken to reflect normal operating conditions and any limits or conditions on inputs or production.

Note 3: To be conducted in accordance with ISO13320:2009.

Note 4: All units are referenced to STP dry and 18% O<sub>2</sub>.

3.2.2 The Licensee shall ensure that sampling required under Condition 3.2.1 of the Licence is undertaken at sampling locations in accordance with the AS 4323.1 or relevant part of the CEMS Code.

3.2.3 The Licensee shall ensure that all non-continuous sampling and analysis undertaken pursuant to condition 3.2.1 is undertaken by a holder of NATA accreditation for the relevant methods of sampling and analysis.

#### 3.3-3.4 Monitoring of point source emissions to surface water and groundwater

There are no specified conditions relating to monitoring of point source emissions to surface water or groundwater in this section.

### 3.5 Monitoring of emissions to land

There are no specified conditions relating to monitoring of emissions to land in this section.

#### 3.6-3.7 Monitoring of inputs and outputs and Process monitoring

There are no specified conditions relating to monitoring of inputs and outputs or process monitoring in this section.

#### 3.8-3.9 Ambient environmental quality monitoring and Meteorological monitoring

There are no specified conditions relating to ambient environmental quality monitoring or meteorological monitoring in this section.



## 4 Improvements

There are no specified improvement conditions in this section.

## 5 Information

### 5.1 Records

5.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 5.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
  - (i) off-site environmental effects; or
  - (ii) matters which affect the condition of the land or waters.

5.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

5.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

5.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

### 5.2 Reporting

5.2.1 The Licensee shall submit to the CEO an Annual Environmental Report by 31 August in each year. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

Table 5.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 3.2.1	Monitoring of point source emissions to air	AR1
5.1.3	Compliance	Annual Audit Compliance Report (AACR)
5.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2



- 5.2.2 The Licensee shall ensure that the Annual Environmental Report also contains:
- (a) any relevant process, production or operational data recorded under Condition 3.1.3; and
  - (b) an assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets.

### 5.3 Notification

- 5.3.1 The Licensee shall ensure that the parameters listed in Table 5.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 5.3.1: Notification requirements			
Condition or table (if relevant)	Parameter	Notification requirement <sup>1</sup>	Format or form <sup>2</sup>
-	Any failure or malfunction of any pollution control equipment or any incident, which has caused, is causing or may cause pollution	Part A: As soon as practicable but no later than 5pm of the next usual working day.  Part B: As soon as practicable	N1
3.1.5	Calibration report	As soon as practicable.	None specified

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act.

Note 2: Forms are in Schedule 2.





## Schedule 1: Maps

### Premises map and Map of emission points

The Premises and the location of the emission point defined in Table 2.2.1 are shown in the map below. The red line depicts the Premises boundary.





## Schedule 2: Reporting & notification forms

These forms are provided for the proponent to report monitoring and other data required by the Licence. They can be requested in an electronic format.

### ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

#### SECTION A

##### LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	ABN:
Trading as:	
Reporting period: _____ to _____	

##### STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of the Licence complied with within the reporting period? (please tick the appropriate box)

Yes ☐ Please proceed to Section C

No ☐ Please proceed to Section B

Each page must be initialed by the person(s) who signs Section C of this Annual Audit Compliance Report (AACR).

Initial:



## SECTION B

### DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

Please use a separate page for each Licence condition that was not complied with.

<b>a) Licence condition not complied with:</b>	
<b>b) Date(s) when the non compliance occurred, if applicable:</b>	
<b>c) Was this non compliance reported to DER?:</b>	
<input type="checkbox"/> Yes	<input type="checkbox"/> Reported to DER verbally Date _____ <input type="checkbox"/> Reported to DER in writing Date _____
<input type="checkbox"/> No	
<b>d) Has DER taken, or finalised any action in relation to the non compliance?:</b>	
<b>e) Summary of particulars of the non compliance, and what was the environmental impact:</b>	
<b>f) If relevant, the precise location where the non compliance occurred (attach map or diagram):</b>	
<b>g) Cause of non compliance:</b>	
<b>h) Action taken, or that will be taken to mitigate any adverse effects of the non compliance:</b>	
<b>i) Action taken or that will be taken to prevent recurrence of the non compliance:</b>	

Each page must be initialised by the person(s) who signs Section C of this AACR

Initial:





## SECTION C

### SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report (AACR) may only be signed by a person(s) with legal authority to sign it. The ways in which the AACR must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this AACR is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

If the licence holder is		The Annual Audit Compliance Report must be signed and certified:
An individual	<input type="checkbox"/> <input type="checkbox"/>	by the individual licence holder, or by a person approved in writing by the Chief Executive Officer of the Department of Environment Regulation to sign on the licensee's behalf.
A firm or other unincorporated company	<input type="checkbox"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A corporation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	by affixing the common seal of the licensee in accordance with the <i>Corporations Act 2001</i> ; or by two directors of the licensee; or by a director and a company secretary of the licensee, or if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A public authority (other than a local government)	<input type="checkbox"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
a local government	<input type="checkbox"/> <input type="checkbox"/>	by the chief executive officer of the licensee; or by affixing the seal of the local government.

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$60,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: \_\_\_\_\_

NAME:  
(printed) \_\_\_\_\_

POSITION: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

SEAL (if signing under seal)

SIGNATURE: \_\_\_\_\_

NAME:  
(printed) \_\_\_\_\_

POSITION: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_



Licence: L6144/1990/10  
Form: AR1  
Name: Monitoring of point source emissions to air

Licensee: Fulton Hogan Industries Pty Ltd  
Period:

Form AR1: Monitoring of point source emissions to air

Emission point	Parameter	Result	Result	Averaging period	Method	Sample date & times
A1	Volumetric flow rate	m/s				
	TSP	mg/m <sup>3</sup>	g/s			
	PM <sub>10</sub>	mg/m <sup>3</sup>	g/s			
	Carbon monoxide	mg/m <sup>3</sup>	g/s			
	NO <sub>x</sub>	mg/m <sup>3</sup>	g/s			
	Sulfur dioxide	mg/m <sup>3</sup>	g/s			
	VOCs	mg/m <sup>3</sup>	g/s			

Note 1: All units are referenced to STP dry and relevant Oxygen Correction in Table 2.2.2

Signed on behalf of Fulton Hogan Industries Pty Ltd: ..... Date: .....



Licence: LB144/1990/10  
Form: N1

Licence: Fulton Hogan Industries Pty Ltd  
Date of breach:

**Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.**

These pages outline the information that the operator must provide.  
Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

## Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Notification requirements for any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident	





## Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Fulton Hogan Industries Pty Ltd	
Date	