



Australian Government
Clean Energy Regulator

ABN ACN/ ARBN Trading Name:
Version No:
Submission Status:
Submission Date:

15055964380
1
Submitted
21/10/2014

NATIONAL GREENHOUSE AND ENERGY REPORTING
SECTION 19 - ENERGY AND EMISSIONS REPORT
GWA GROUP LIMITED
FOR THE REPORTING YEAR 2013 – 2014

Report under Section 19 of the National Greenhouse and Energy Reporting Act 2007

Corporations registered under Division 3 of Part 2 of the *National Greenhouse and Energy Reporting Act 2007* (the NGER Act) are required to provide a report to the Clean Energy Regulator (the Regulator) by 31 October each year in respect of the previous financial year relating to:

- greenhouse gas emissions; and
- energy production; and
- energy consumption;

from the operation of facilities under the operational control of the corporation and entities that are members of the corporation's group, during that financial year.

A report under section 19 of the NGER Act must be given in a manner and form approved by the Regulator and set out the information specified in the *National Greenhouse and Energy Reporting Regulations 2008* (the NGER Regulations). The report must also be based on the methods, or methods which meet criteria, set out in the *National Greenhouse and Energy Reporting (Measurement) Determination 2008* (the Measurement Determination).

This report is an approved form in which a report under section 19 of the NGER Act may be given to the Regulator.

Giving false or misleading information is a serious offence.

Submitting the Report

The approved manner for submission of the section 19 report is completion and submission of the report in the Emissions and Energy Reporting System.

Your report must be submitted to the Regulator by 31 October 2014.

If a copy of this report is printed in hardcopy form for any purpose it does not represent, nor can it be treated as, an official version of the report submitted to the Regulator.

CONTROLLING CORPORATION DETAILS

Name	GWA GROUP LIMITED
Australian Business Number (ABN)	15055964380
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	GWA International Ltd
Head office postal address:	
Postal address line 1	Level 2 HQ - South Tower
Postal address line 2	520 Wickham Street
Postal address line 3	-
Postal city/suburb	FORTITUDE VALLEY
Postal state	Queensland

Postal postcode	4006
Postal country	AUSTRALIA
Head office street address:	
Street address line 1	Level 2 HQ - South Tower
Street address line 2	520 Wickham Street
Street address line 3	-
Street city/suburb	FORTITUDE VALLEY
Street state	Queensland
Street postcode	4006
Street country	AUSTRALIA

Executive Officer (or equivalent) Details

Name	Peter Charles Crowley
Position	CEO
Phone	0730085073
Mobile	-
Fax	-
Email	pcrowley@gwagroup.com.au
Postal address line 1	-
Postal address line 2	-
Postal address line 3	-
Postal city/suburb	-
Postal state	-
Postal postcode	-
Postal country	-

Contact Person Details

Name	Neil Gregory Dow
Position	Primary Contact
Phone	0392061402
Mobile	0419534617
Fax	-
Email	ndow@gwagroup.com.au
Postal address line 1	GPO Box 1411,
Postal address line 2	-
Postal address line 3	-
Postal city/suburb	Brisbane
Postal state	Queensland
Postal postcode	4001
Postal country	AUSTRALIA

GWA GROUP LIMITED ENERGY AND EMISSIONS REPORT SUMMARY

Greenhouse gas emissions and energy total for the reporting period 1/07/2013 - 30/06/2014

The table below reports total scope 1 and scope 2 greenhouse gas emissions (GHG), energy produced and energy consumed by the corporate group GWA GROUP LIMITED.

GREENHOUSE GAS EMISSIONS

Scope 1	Scope 2	Total of Scope 1 and Scope 2
----------------	----------------	-------------------------------------

(t CO2-e)	(t CO2-e)	(t CO2-e)
10,012	19,308	29,320

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
262,803	262,803	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
9,930	23	56	-	3	-	10,012

GWA GROUP LIMITED ENERGY AND EMISSIONS REPORT DETAIL

CORPORATE STRUCTURE

The table below lists the entities whose greenhouse gas emissions and energy production and energy Consumption are included in the S19 report.

No.	Entity Details	Scope 1 Emissions (t CO2-e)	Scope 2 Emissions (t CO2-e)	Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1	GWA - QLD - Wickham St HO Type: Facility	3	6	74	74	0
2	CAROMA INDUSTRIES LTD Type: Group Member	5,733	11,214	158,900	158,900	-
3	Caroma Dorf - NSW - Wetherill Park Type: Facility	4,960	7,391	127,083	127,083	0
4	Caroma Dorf - QLD - Eagle Farm Type: Facility	130	325	3,307	3,307	0
5	Caroma Dorf - SA - Norwood Type: Facility	70	2,654	16,948	16,948	0
6	Caroma Dorf - VIC - Pascoe Vale Type: Facility	4	162	557	557	0
7	Caroma Dorf - WA - Osborne Park Type: Facility	58	126	1,469	1,469	0
8	Caroma Dorf - TAS - Launceston Type: Facility	4	7	192	192	0
9	Caroma Dorf - VIC - South Melbourne Type: Facility	181	230	3,317	3,317	0
10	Caroma Dorf - NSW - Hexham Place Type: Facility	10	140	742	742	0
11	Caroma Dorf - NSW - Bella Vista Type:	316	179	5,285	5,285	0

	Facility					
12	GLIDEROL INTERNATIONAL PTY LTD Type: Group Member	849	702	16,150	16,150	-
13	Gliderol Smithfield Type: Facility	256	210	4,704	4,704	0
14	Gliderol - SA - Holden Hill Type: Facility	117	185	2,930	2,930	0
15	Gliderol - NSW - Newcastle Type: Facility	31	7	487	487	0
16	Gliderol Dandenong Type: Facility	14	0	258	258	0
17	Gliderol Geelong Type: Facility	77	0	1,098	1,098	0
18	Gliderol Woolongong Type: Facility	2	0	34	34	0
19	Gliderol Burleigh Heads Type: Facility	49	3	729	729	0
20	Gliderol Banyo Type: Facility	216	136	3,798	3,798	0
21	Gliderol Bunbury Type: Facility	0	3	14	14	0
22	Gliderol Wangara Type: Facility	87	31	1,476	1,476	0
23	Gliderol Comp Way Wangara Type: Facility	0	21	96	96	0
24	Gliderol Wangara (Luisina) Type: Facility	0	106	526	526	0
25	GAINSBOROUGH HARDWARE INDUSTRIES LIMITED Type: Group Member	846	1,648	20,769	20,769	-
26	Gainsborough - VIC - Blackburn - 15-33 Alfred Street Type: Facility	89	888	4,072	4,072	0
27	Gainsborough - NSW - Taren Point Type: Facility	58	0	834	834	0
28	Gainsborough - WA - Malaga Type: Facility	31	7	488	488	0
29	Gainsborough - VIC - (Austral) Brooklyn - Export Drive Type:	668	751	15,368	15,368	0

	Facility					
30	Gainsborough - VIC - Blackburn - 190 Whitehorse Rd Type: Facility	0	2	7	7	0
31	BRIVIS CLIMATE SYSTEMS PTY LTD Type: Group Member	622	2,004	16,424	16,424	-
32	Brivis - VIC - Braeside Type: Facility	622	2,004	16,424	16,424	0
33	DUX MANUFACTURING LIMITED Type: Group Member	1,443	3,349	41,660	41,660	-
34	Dux - NSW - Moss Vale Type: Facility	1,443	3,329	41,599	41,599	0
35	Dux - VIC - Clayton North Type: Facility	0	20	61	61	0
36	API SERVICES AND SOLUTIONS PTY LIMITED Type: Group Member	516	385	8,826	8,826	-
37	API VIC South Melbourne Type: Facility	109	134	1,977	1,977	0
38	API ACT Canberra Type: Facility	16	7	274	274	0
39	API NSW Rockdale Type: Facility	73	16	1,124	1,124	0
40	API NSW St Leonards Type: Facility	36	16	579	579	0
41	API QLD Milton Type: Facility	38	22	644	644	0
42	API QLD Southport Type: Facility	24	18	433	433	0
43	API QLD Underwood Type: Facility	9	7	165	165	0
44	API SA Adelaide Type: Facility	20	8	338	338	0
45	API VIC Dandenong Type: Facility	12	22	241	241	0
46	API VIC Greensborough Type: Facility	16	0	225	225	0
47	API VIC Geelong Type: Facility	9	22	195	195	0

48	API VIC Heidelberg Type: Facility	30	44	578	578	0
49	API VIC Melbourne CBD Type: Facility	0	10	31	31	0
50	API VIC Moorabbin Type: Facility	23	14	380	380	0
51	API VIC Nunawading Type: Facility	16	15	292	292	0
52	API VIC Niddrie Type: Facility	33	11	513	513	0
53	API WA Canning Vale Type: Facility	52	19	837	837	0

An asterisk indicates that this facility is being reported on by a Group Member under Section 22X.

1: GWA - QLD - WICKHAM ST HO - FACILITY

Name	GWA - QLD - Wickham St HO
Facility Street Address	Level 2 HQ South Tower Wickham Street FORTITUDE VALLEY Queensland 4006 AUSTRALIA
Geographic Coordinates	Latitude 27.453S / Longitude 153.029E
Facility location	None
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling

Facility – operational control

GWA GROUP LIMITED had operational control of the facility (GWA - QLD - Wickham St HO) for the whole of the 2013 - 2014 reporting year.

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GWA GROUP LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
3	6	9

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
74	74	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
3	-	-	-	-	-	3

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 34.20 Z (GJ): 45	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	3
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
Source Total			45		3
Total			45		3

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	7,923	kWh	0.82	6
Total				6

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	1	kL	34.2	45
						Total	45

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	7,923	kWh	0.0036	29
						Total	29

2: CAROMA INDUSTRIES LTD - GROUP MEMBER

Name:	CAROMA INDUSTRIES LTD
Australian Business Number (ABN)	35000189499
Australian Company Number (ACN)	000189499
Australian Registered Body Number (ARBN)	-
Trading Name	-
Street address line 1	Level 1
Street address line 2	7- 9 IRVINE PLACE
Street address line 3	-
Street city/suburb	BELLA VISTA
Street state	New South Wales
Street postcode	2153
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
5,733	11,214	16,947

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
158,900	158,900	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
5,697	14	22	-	-	-	5,733

3: CAROMA DORF - NSW - WETHERILL PARK - FACILITY

Name	Caroma Dorf - NSW - Wetherill Park
Facility Street Address	26-32 Walter Street WETHERILL PARK New South Wales 2164 AUSTRALIA
Geographic Coordinates	Latitude 33.845S / Longitude 150.910E
Facility location	None
Activity location	New South Wales
Location description	Wetherill Park Vitreous China Factory and Distribution Warehouse
Activity description	-

ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
4,960	7,391	12,351

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
127,083	127,083	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
4,947	10	3	-	-	-	4,960

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline - Covered Emissions Fuel usage: combustion Criteria: A	95,750 GJ	EC (GJ/Unit): 1.00 Z (GJ): 95,750	Gas: CO2 EF (kg CO2-e / GJ): 51.2 Method: Method 1	4,902
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	10
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method:	3

				Method 1	
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions Fuel usage: combustion Criteria: A	26 kL	EC (GJ/Unit): 25.70 Z (GJ): 657	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	39
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Diesel oil - Not Covered Emissions Fuel usage: combustion Criteria: A	2 kL	EC (GJ/Unit): 38.60 Z (GJ): 58	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	4
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0

				Method 1	
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	2
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 34.20 Z (GJ): 34	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
Source Total			96,499		4,960
Total			96,499		4,960

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	8,495,590	kWh	0.87	7,391
Total				7,391

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	1	kL	34.2	34
						Total	34

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

--	--	--	--	--	--	--	--

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline - Covered Emissions	combustion	A	95,750	GJ	1	95,750
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil - Not Covered Emissions	combustion	A	2	kL	38.6	58
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	26	kL	25.7	657
						Total	96,465

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	8,495,590	kWh	0.0036	30,584
						Total	30,584

4: CAROMA DORF - QLD - EAGLE FARM - FACILITY

Name	Caroma Dorf - QLD - Eagle Farm
Facility Street Address	7 Eagle View Place EAGLE FARM Queensland 4009 AUSTRALIA
Geographic Coordinates	Latitude 27.436S / Longitude 153.085E
Facility location	None
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
130	325	455

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
3,307	3,307	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
125	1	4	-	-	-	130

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	3 kL	<p>EC (GJ/Unit): 38.60</p> <p>Z (GJ): 135</p>	<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 69.2</p> <p>Method: Method 1</p>	9
				<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.2</p> <p>Method: Method 1</p>	0
				<p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.5</p> <p>Method: Method 1</p>	0
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	51 kL	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 1,744</p>	<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.7</p> <p>Method: Method 1</p>	116
				<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.6</p> <p>Method: Method 1</p>	1
				<p>Gas: N2O</p>	

				EF (kg CO2-e / GJ): 2.3 Method: Method 1	4
Source Total				1,879	130
Total				1,879	130

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	396,684	kWh	0.82	325
Total				325

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	3	kL	38.6	135
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	51	kL	34.2	1,744
						Total	1,879

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
						Total	0

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	396,684	kWh	0.0036	1,428
						Total	1,428

5: CAROMA DORF - SA - NORWOOD - FACILITY

Name	Caroma Dorf - SA - Norwood
Facility Street Address	76 Magill Road NORWOOD South Australia 5067 AUSTRALIA
Geographic Coordinates	Latitude 34.915S / Longitude 138.629E
Facility location	None
Activity location	South Australia
Location description	-

Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
70	2,654	2,724

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
16,948	16,948	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
69	-	1	-	-	-	70

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline - Covered Emissions Fuel usage: combustion Criteria: A	265 GJ	EC (GJ/Unit): 1.00 Z (GJ): 265	Gas: CO2 EF (kg CO2-e / GJ): 51.2 Method: Method 1	14
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method:	0

				Method 1	
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions Fuel usage: combustion Criteria: A	4 kL	EC (GJ/Unit): 25.70 Z (GJ): 111	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	7
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	8
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	3 kL	EC (GJ/Unit): 38.60 Z (GJ): 118	Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5	0

				Method: Method 1	
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	17 kL	EC (GJ/Unit): 34.20 Z (GJ): 593	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	40
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	1
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions Fuel usage: combustion Criteria: A	12 kL	EC (GJ/Unit): 38.80 Z (GJ): 452	Gas: CO2 EF (kg CO2-e / GJ): - Method: Other Method	0
Source Total			1,539		70
Total			1,539		70

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	4,280,240	kWh	0.62	2,654
Total				2,654

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

	Fuel				Energy Content	Energy

Activity Type	Fuel / Energy Commodity	Usage	Criteria	Amount	Units	Factor (GJ/Unit)	Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	17	kL	34.2	593
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	3	kL	38.6	118
						Total	711

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline - Covered Emissions	combustion	A	265	GJ	1	265
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	4	kL	25.7	111
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	combustion	A	12	kL	38.8	452
						Total	828

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	4,280,240	kWh	0.0036	15,409
						Total	15,409

INCIDENTAL EMISSIONS

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

Incidental emissions and energy

The following tables summarise total greenhouse gas emissions from operation of this facility during the reporting period

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	-	-

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

INCIDENTAL EMISSIONS

Source of Emissions	Activity Type	Fuel Type Or Energy Commodity	Criterion	Gases	Scope 1 Incidental Emissions (t CO2-e)
Stationary and Transport energy purposes (excluding electricity generation)	Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	A	CO2	-
Total					-

6: CAROMA DORF - VIC - PASCOE VALE - FACILITY

Name	Caroma Dorf - VIC - Pascoe Vale
Facility Street Address	125 Sussex Street PASCOE VALE Victoria 3044 AUSTRALIA
Geographic Coordinates	Latitude 37.835S / Longitude 144.962E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
4	162	166

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
557	557	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
4	-	-	-	-	-	4

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

	Energy	Scope 1

Source activity	Fuel	Quantity	values (EC & Z)	Gas / Method	Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	2 kL	EC (GJ/Unit): 34.20 Z (GJ): 58	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	4
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
Source Total			58		4
Total			58		4

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	138,683	kWh	1.17	162
Total				162

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	2	kL	34.2	58
						Total	58

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy	Fuel	Criteria	Amount	Units	Energy Content	Energy
---------------	---------------	------	----------	--------	-------	----------------	--------

	Commodity	Usage			Factor (GJ/Unit)	Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	138,683 kWh	0.0036	499
					Total	499

7: CAROMA DORF - WA - OSBORNE PARK - FACILITY

Name	Caroma Dorf - WA - Osborne Park
Facility Street Address	39 King Edward Road OSBORNE PARK Western Australia 6017 AUSTRALIA
Geographic Coordinates	Latitude 31.899S / Longitude 115.808E
Facility location	None
Activity location	Western Australia
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
58	126	184

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1,469	1,469	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
57	-	1	-	-	-	58

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1 Gas:	14

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes</p>	<p>Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>9 kL</p>	<p>EC (GJ/Unit): 25.70</p> <p>Z (GJ): 239</p>	<p>CH4 EF (kg CO2-e / GJ): 0.1</p> <p>Method: Method 1</p>	<p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>19 kL</p>	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 650</p>	<p>Gas: CO2 EF (kg CO2-e / GJ): 66.7</p> <p>Method: Method 1</p>	<p>43</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>19 kL</p>	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 650</p>	<p>Gas: CH4 EF (kg CO2-e / GJ): 0.6</p> <p>Method: Method 1</p>	<p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>19 kL</p>	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 650</p>	<p>Gas: N2O EF (kg CO2-e / GJ): 2.3</p> <p>Method: Method 1</p>	<p>1</p>
<p>Source Total</p>			<p>889</p>		<p>58</p>
<p>Total</p>			<p>889</p>		<p>58</p>

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	161,103	kWh	0.78	126
Total				126

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	19	kL	34.2	650
						Total	650

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	9	kL	25.7	239
						Total	239

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	161,103	kWh	0.0036	580
						Total	580

8: CAROMA DORF - TAS - LAUNCESTON - FACILITY

Name	Caroma Dorf - TAS - Launceston
Facility Street Address	22/34 Innocent Street KINGS MEADOWS Tasmania 7249 AUSTRALIA
Geographic Coordinates	Latitude 41.463S / Longitude 147.162E
Facility location	None
Activity location	Tasmania
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
4	7	11

ENERGY PRODUCED AND ENERGY CONSUMED

--	--	--

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
192	192	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
4	-	-	-	-	-	4

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 25.70 Z (GJ): 26	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	2
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
Source category: Fuel combustion	Fuel / Energy commodity:		EC	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	2
				Gas: CH4 EF (kg	

Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	1 kL	(GJ/Unit): 34.20 Z (GJ): 34	CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
Source Total			60		4
Total			60		4

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	36,569	kWh	0.2	7
Total				7

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	1	kL	34.2	34
						Total	34

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	1	kL	25.7	26
						Total	26

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	36,569	kWh	0.0036	132

9: CAROMA DORF - VIC - SOUTH MELBOURNE - FACILITY

Name	Caroma Dorf - VIC - South Melbourne
Facility Street Address	222 Park Street SOUTH MELBOURNE Victoria 3205 AUSTRALIA
Geographic Coordinates	Latitude 37.835S / Longitude 144.962E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
181	230	411

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
3,317	3,317	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
176	1	4	-	-	-	181

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity)	Fuel / Energy commodity: Diesel oil - Transport Fuel usage:	22	EC (GJ/Unit):	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1 Gas: CH4 EF (kg CO2-e / GJ):	57

generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	combustion Criteria: A	kL	38.60 Z (GJ): 831	0.2 Method: Method 1 Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	52 kL	EC (GJ/Unit): 34.20 Z (GJ): 1,778	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	119
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	1
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	4
Source Total			2,609		181
Total			2,609		181

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	196,707	kWh	1.17	230
Total				230

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

--	--	--	--	--	--	--	--	--	--

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	22	kL	38.6	831
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	52	kL	34.2	1,778
						Total	2,609

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	196,707	kWh	0.0036	708
						Total	708

10: CAROMA DORF - NSW - HEXHAM PLACE - FACILITY

Name	Caroma Dorf - NSW - Hexham Place
Facility Street Address	9 Hexham Place Wetherill Park Wetherill Park New South Wales 2164 AUSTRALIA
Geographic Coordinates	Latitude 33.840S / Longitude 150.889E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD
Number of days with Operational Control:	122
Operational Control Dates:	01/03/2013 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
10	140	150

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
742	742	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
10	-	-	-	-	-	10

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions Fuel usage: combustion Criteria: A	6 kL	EC (GJ/Unit): 25.70 Z (GJ): 161	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	10
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
Source Total			161		10
Total			161		10

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	161,370	kWh	0.87	140
Total				140

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	6	kL	25.7	161
						Total	161

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
---------------	-------------------------	------------	----------	--------	-------	---------------------------------	---------------------

Purchase of electricity from main electricity grid in a State or Territory	-	-	-	161,370 kWh	0.0036	581
					Total	581

11: CAROMA DORF - NSW - BELLA VISTA - FACILITY

Name	Caroma Dorf - NSW - Bella Vista
Facility Street Address	7-9 Irvine Place Bella Vista New South Wales 2153 AUSTRALIA
Geographic Coordinates	Latitude 33.738S / Longitude 150.948E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	CAROMA INDUSTRIES LTD
Number of days with Operational Control:	181
Operational Control Dates:	01/01/2013 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of CAROMA INDUSTRIES LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
316	179	495

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
5,285	5,285	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
305	2	9	-	-	-	316

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method:	47
				Method	

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	18 kL	EC (GJ/Unit): 38.60 Z (GJ): 681	1 Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	258
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	113 kL	EC (GJ/Unit): 34.20 Z (GJ): 3,865	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	2
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	9
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	258
Source Total			4,546		316
Total			4,546		316

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or	205,209	kWh	0.87	179

Territory				
Total				179

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	18	kL	38.6	681
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	113	kL	34.2	3,865
						Total	4,546

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	205,209	kWh	0.0036	739
						Total	739

12: GLIDEROL INTERNATIONAL PTY LTD - GROUP MEMBER

Name:	GLIDEROL INTERNATIONAL PTY LTD
Australian Business Number (ABN)	92007928949
Australian Company Number (ACN)	007928949
Australian Registered Body Number (ARBN)	-
Trading Name	-
Street address line 1	32 Jacobsen Crescent
Street address line 2	-
Street address line 3	-
Street city/suburb	HOLDEN HILL
Street state	South Australia
Street postcode	5088
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
849	702	1,551

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
16,150	16,150	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
833	2	14	-	-	-	849

13: GLIDEROL SMITHFIELD - FACILITY

Name	Gliderol Smithfield
Facility Street Address	45 Sammut Street SMITHFIELD New South Wales 2164 AUSTRALIA
Geographic Coordinates	Latitude 33.838S / Longitude 150.930E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
256	210	466

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
4,704	4,704	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
252	1	3	-	-	-	256

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	22

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes</p>	<p>Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>14 kL</p>	<p>EC (GJ/Unit): 25.70 Z (GJ): 364</p>	<p>Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1</p>	<p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>61 kL</p>	<p>EC (GJ/Unit): 38.60 Z (GJ): 2,372</p>	<p>Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1</p>	<p>164</p>
				<p>Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1</p>	<p>1</p>
				<p>Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method</p>	<p>66</p>

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	29 kL	EC (GJ/Unit): 34.20 Z (GJ): 987	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1 Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	1 2
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions Fuel usage: combustion Criteria: A	3 kL	EC (GJ/Unit): 38.80 Z (GJ): 110	Gas: CO2 EF (kg CO2-e / GJ): - Method: Other Method	0
Source Total			3,833		256
Total			3,833		256

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	241,881	kWh	0.87	210
Total				210

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	61	kL	38.6	2,372
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	29	kL	34.2	987
						Total	3,359

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	14	kL	25.7	364
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	combustion	A	3	kL	38.8	110
						Total	474

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	241,881	kWh	0.0036	871
						Total	871

INCIDENTAL EMISSIONS

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

Incidental emissions and energy

The following tables summarise total greenhouse gas emissions from operation of this facility during the reporting period

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	-	-

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

INCIDENTAL EMISSIONS

Source of Emissions	Activity Type	Fuel Type Or Energy Commodity	Criterion Gases	Scope 1 Incidental Emissions (t CO2-e)
Stationary and Transport energy	Emissions released from	Petroleum based oils (other than		

purposes (excluding electricity generation)	combustion of petroleum based oils or greases	petroleum based oil used as fuel) - Covered Emissions	A	CO2	-
Total					-

14: GLIDEROL - SA - HOLDEN HILL - FACILITY

Name	Gliderol - SA - Holden Hill
Facility Street Address	32 Jacobsen Crescent HOLDEN HILL South Australia 5088 AUSTRALIA
Geographic Coordinates	Latitude 34.847S / Longitude 138.676E
Facility location	None
Activity location	South Australia
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
117	185	302

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
2,930	2,930	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
113	1	3	-	-	-	117

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	14
Source category: Fuel combustion	Fuel / Energy commodity:			Gas: CH4	

<p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes</p>	<p>Liquefied petroleum gas - Covered Emissions</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>9 kL</p>	<p>EC (GJ/Unit): 25.70</p> <p>Z (GJ): 227</p>	<p>EF (kg CO2-e / GJ): 0.1</p> <p>Method: Method 1</p>	<p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>6 kL</p>	<p>EC (GJ/Unit): 38.60</p> <p>Z (GJ): 242</p>	<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 69.2</p> <p>Method: Method 1</p>	<p>17</p>
<p>Source category:</p>				<p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.5</p> <p>Method: Method 1</p>	<p>0</p>
				<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.7</p> <p>Method: Method 1</p>	<p>82</p>

<p>Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	36 kL	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 1,237</p>	<p>CH4 EF (kg CO2-e / GJ): 0.6</p> <p>Method: Method 1</p>	1
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of petroleum based oils or greases</p>	<p>Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	4 kL	<p>EC (GJ/Unit): 38.80</p> <p>Z (GJ): 152</p>	<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): -</p> <p>Method: Other Method</p>	0
Source Total			1,858		117
Total			1,858		117

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	297,849	kWh	0.62	185
Total				185

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	6	kL	38.6	242
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	36	kL	34.2	1,237
						Total	1,479

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

							Energy
--	--	--	--	--	--	--	--------

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	9	kL	25.7	227
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	combustion	A	4	kL	38.8	152
						Total	379

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	297,849	kWh	0.0036	1,072
						Total	1,072

INCIDENTAL EMISSIONS

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

Incidental emissions and energy

The following tables summarise total greenhouse gas emissions from operation of this facility during the reporting period

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	-	-

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

INCIDENTAL EMISSIONS

Source of Emissions	Activity Type	Fuel Type Or Energy Commodity	Criterion	Gases	Scope 1 Incidental Emissions (t CO2-e)
Stationary and Transport energy purposes (excluding electricity generation)	Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	A	CO2	-

Total	-
-------	---

15: GLIDEROL - NSW - NEWCASTLE - FACILITY

Name	Gliderol - NSW - Newcastle
Facility Street Address	19 Balook Drive BERESFIELD New South Wales 2322 AUSTRALIA
Geographic Coordinates	Latitude 32.807S / Longitude 151.634E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
31	7	38

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
487	487	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
30	-	1	-	-	-	31

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity)	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport	13	EC (GJ/Unit):	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1 Gas: CH4 EF (kg CO2-e / GJ):	30

generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel usage: combustion Criteria: A	kL	34.20 Z (GJ): 457	0.6 Method: Method 1 Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0 1
Source Total			457		31
Total			457		31

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	8,406	kWh	0.87	7
Total				7

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	13	kL	34.2	457
						Total	457

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	8,406	kWh	0.0036	30
						Total	30

16: GLIDEROL DANDENONG - FACILITY

Name	Gliderol Dandenong
Facility Street Address	23 Kitchen Road DANDENONG Victoria 3175 AUSTRALIA
Geographic Coordinates	Latitude 38.023S / Longitude 145.224E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
14	-	14

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
258	258	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
14	-	-	-	-	-	14

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions Fuel usage: combustion Criteria: A	6 kL	EC (GJ/Unit): 25.70 Z (GJ): 153	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	9
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0

				1	
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	5
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	2 kL	EC (GJ/Unit): 34.20 Z (GJ): 76	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 38.80 Z (GJ): 29	Gas: CO2 EF (kg CO2-e / GJ): - Method: Other Method	0
Source Total			258		14
Total			258		14

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	2	kL	34.2	76
						Total	76

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	6	kL	25.7	153
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	combustion	A	1	kL	38.8	29
						Total	182

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
						Total	0

INCIDENTAL EMISSIONS

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

Incidental emissions and energy

The following tables summarise total greenhouse gas emissions from operation of this facility during the reporting period

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	-	-

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

INCIDENTAL EMISSIONS

Source of Emissions	Activity Type	Fuel Type Or Energy Commodity	Criterion	Gases	Scope 1 Incidental Emissions (t CO2-e)
Stationary and Transport energy purposes (excluding electricity generation)	Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	A	CO2	-
Total					-

17: GLIDEROL GEELONG - FACILITY

Name	Gliderol Geelong
Facility Street Address	35 Leather Street BREAKWATER Victoria 3219 AUSTRALIA
Geographic Coordinates	Latitude 38.185S / Longitude 144.374E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
77	-	77

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1,098	1,098	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
75	-	2	-	-	-	77

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type:	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria:	10 kL	EC (GJ/Unit): 38.60 Z (GJ):	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	27
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method:	0

Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	A		385	Method 1	
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	48
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	21 kL	EC (GJ/Unit): 34.20 Z (GJ): 713	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	2
Source Total			1,098		77
Total			1,098		77

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	4	kWh	1.17	0
Total				0

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor	Energy Content

					(GJ/Unit)	(GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	10	kL	385
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	21	kL	713
					Total	1,098

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
						Total	0

18: GLIDEROL WOOLONGONG - FACILITY

Name	Gliderol Woolongong
Facility Street Address	Unit 2 1 Luso Drive UNANDERRA New South Wales 2526 AUSTRALIA
Geographic Coordinates	Latitude 34.466S / Longitude 150.839E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD
Number of days with Operational Control:	184
Operational Control Dates:	01/07/2013 - 31/12/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
2	-	2

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
34	34	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
2	-	-	-	-	-	2

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

	Energy	Scope 1

Source activity	Fuel	Quantity	values (EC & Z)	Gas / Method	Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 34.20 Z (GJ): 34	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	2
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
Source Total			34		2
Total			34		2

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	1	kL	34.2	34
						Total	34

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
						Total	0

19: GLIDEROL BURLEIGH HEADS - FACILITY

Name	Gliderol Burleigh Heads
Facility Street Address	Unit 1 9 Ramly Drive BURLEIGH HEADS Queensland 4220 AUSTRALIA

Geographic Coordinates	Latitude 28.103S / Longitude 153.082E
Facility location	None
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD
Number of days with Operational Control:	215
Operational Control Dates:	01/07/2013 - 31/01/2014

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
49	3	52

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
729	729	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
48	-	1	-	-	-	49

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	4 kL	EC (GJ/Unit): 38.60 Z (GJ): 166	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	11
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method:	0

petroleum oils or greases - Transport energy purposes				Method 1	
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method:	0
				Method 1	
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method:	37
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	16 kL	EC (GJ/Unit): 34.20 Z (GJ): 551	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method:	0
				Method 1	
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method:	1
				Method 1	
Source Total			717		49
Total			717		49

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	3,431	kWh	0.82	3
Total				3

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)

Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion A	4	kL	38.6	166
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion A	16	kL	34.2	551
					Total	717

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	3,431	kWh	0.0036	12
						Total	12

20: GLIDEROL BANYO - FACILITY

Name	Gliderol Banyo
Facility Street Address	241 Elliott Road BANYO Queensland 4014 AUSTRALIA
Geographic Coordinates	Latitude 27.367S / Longitude 153.082E
Facility location	None
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
216	136	352

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
3,798	3,798	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
214	-	2	-	-	-	216

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Covered Emissions</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>1 kL</p>	<p>Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1</p> <p>EC (GJ/Unit): 38.60 Z (GJ): 39</p> <p>Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1</p> <p>Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1</p>	<p>3</p> <p>0</p> <p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes</p>	<p>Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>7 kL</p>	<p>Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1</p> <p>EC (GJ/Unit): 25.70 Z (GJ): 172</p> <p>Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1</p> <p>Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1</p>	<p>10</p> <p>0</p> <p>0</p>

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>40 kL</p>	<p>1</p> <p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 69.2</p> <p>Method: Method 1</p> <p>EC (GJ/Unit): 38.60</p> <p>Z (GJ): 1,528</p>	<p>106</p> <p>0</p>	<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.2</p> <p>Method: Method 1</p> <p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.5</p> <p>Method: Method 1</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline for use as a fuel in an aircraft - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>43 kL</p>	<p>1</p> <p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.3</p> <p>Method: Method 1</p> <p>EC (GJ/Unit): 33.10</p> <p>Z (GJ): 1,432</p>	<p>95</p> <p>0</p>	<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.04</p> <p>Method: Method 1</p> <p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.7</p> <p>Method: Method 1</p>

				Method 1
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 38.80 Z (GJ): 30	Gas: CO2 EF (kg CO2-e / GJ): - Method: Other Method
Source Total			3,201	216
Total			3,201	216

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	165,742	kWh	0.82	136
Total				136

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	40	kL	38.6	1,528
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline for use as a fuel in an aircraft - Transport	combustion	A	43	kL	33.1	1,432
						Total	2,960

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	7	kL	25.7	172
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil - Covered Emissions	combustion	A	1	kL	38.6	39
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	combustion	A	1	kL	38.8	30
						Total	241

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
---------------	-------------------------	------------	----------	--------	-------	---------------------------------	---------------------

Purchase of electricity from main electricity grid in a State or Territory	-	-	-	165,742 kWh	0.0036	597
					Total	597

INCIDENTAL EMISSIONS

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

Incidental emissions and energy

The following tables summarise total greenhouse gas emissions from operation of this facility during the reporting period

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	-	-

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

INCIDENTAL EMISSIONS

Source of Emissions	Activity Type	Fuel Type Or Energy Commodity	Criterion	Gases	Scope 1 Incidental Emissions (t CO2-e)
Stationary and Transport energy purposes (excluding electricity generation)	Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	A	CO2	-
Total					-

21: GLIDEROL BUNBURY - FACILITY

Name	Gliderol Bunbury
Facility Street Address	Unit 7 33 Denning Road BUNBURY Western Australia 6230 AUSTRALIA
Geographic Coordinates	Latitude 33.340S / Longitude 115.653E
Facility location	None
Activity location	Western Australia
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD

Number of days with Operational Control:	215
Operational Control Dates:	01/07/2013 - 31/01/2014

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	3	3

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
14	14	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	3,885	kWh	0.78	3
Total				3

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
						Total	0

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	3,885	kWh	0.0036	14
						Total	14

22: GLIDEROL WANGARA - FACILITY

Name	Gliderol Wangara
Facility Street Address	21 Prindville Drive WANGARA Western Australia 6065 AUSTRALIA
Geographic Coordinates	Latitude 31.790S / Longitude 115.818E
Facility location	None
Activity location	Western Australia
Location description	-
Activity description	-

ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD
Number of days with Operational Control:	166
Operational Control Dates:	01/07/2013 - 13/12/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
87	31	118

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1,476	1,476	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
85	-	2	-	-	-	87

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions Fuel usage: combustion Criteria: A	9 kL	EC (GJ/Unit): 25.70 Z (GJ): 238	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	14
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e /	

				GJ): 0.2 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	8 kL	EC (GJ/Unit): 38.60 Z (GJ): 323	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	22
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	21 kL	EC (GJ/Unit): 34.20 Z (GJ): 732	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	49
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg	

				CO2-e / GJ): 2.3 Method: Method 1	2
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 38.80 Z (GJ): 39	Gas: CO2 EF (kg CO2-e / GJ): - Method: Other Method	0
Source Total			1,332		87
Total			1,332		87

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	39,908	kWh	0.78	31
Total				31

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	8	kL	38.6	323
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	21	kL	34.2	732
						Total	1,055

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	9	kL	25.7	238
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	combustion	A	1	kL	38.8	39
						Total	277

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	39,908	kWh	0.0036	144
						Total	144

INCIDENTAL EMISSIONS

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

Incidental emissions and energy

The following tables summarise total greenhouse gas emissions from operation of this facility during the reporting period

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	-	-

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

INCIDENTAL EMISSIONS

Source of Emissions	Activity Type	Fuel Type Or Energy Commodity	Criterion	Gases	Scope 1 Incidental Emissions (t CO2-e)
Stationary and Transport energy purposes (excluding electricity generation)	Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	A	CO2	-
Total					-

23: GLIDEROL COMP WAY WANGARA - FACILITY

Name	Gliderol Comp Way Wangara
Facility Street Address	57 Competition Way Wangara Western Australia 6065 AUSTRALIA
Geographic Coordinates	Latitude 31.790S / Longitude 115.845E
Facility location	None
Activity location	Western Australia
Location description	-

Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD
Number of days with Operational Control:	215
Operational Control Dates:	01/07/2013 - 31/01/2014

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	21	21

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
96	96	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	26,803	kWh	0.78	21
Total				21

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	26,803	kWh	0.0036	96
						Total	96

24: GLIDEROL WANGARA (LUISINA) - FACILITY

Name	Gliderol Wangara (Luisina)
Facility Street Address	48 Luisina Road Wangara Western Australia 6065 AUSTRALIA
Geographic Coordinates	Latitude 31.798S / Longitude 115.826E
Facility location	None
Activity location	Western Australia
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GLIDEROL INTERNATIONAL PTY LTD

Number of days with Operational Control:	302
Operational Control Dates:	02/09/2013 - 30/06/2014

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GLIDEROL INTERNATIONAL PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	106	106

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
526	526	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 38.80 Z (GJ): 39	Gas: CO2 EF (kg CO2-e / GJ): 0 Method: Method 1	0
Source Total			39		-
Total			39		-

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2- e)
Purchase of electricity from main electricity grid in a State or Territory	135,317	kWh	0.78	106
Total				106

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
---------------	-------------------------	---------------	----------	--------	-------	--	---------------------------

Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	combustion	A	1	kL	38.8	39
						Total	39

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	135,317	kWh	0.0036	487
						Total	487

25: GAINSBOROUGH HARDWARE INDUSTRIES LIMITED - GROUP MEMBER

Name:	GAINSBOROUGH HARDWARE INDUSTRIES LIMITED
Australian Business Number (ABN)	25004792269
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Street address line 1	31-33 Alfred Street
Street address line 2	-
Street address line 3	-
Street city/suburb	BLACKBURN
Street state	Victoria
Street postcode	3130
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
846	1,648	2,494

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
20,769	20,769	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
842	1	3	-	-	-	846

26: GAINSBOROUGH - VIC - BLACKBURN - 15-33 ALFRED STREET - FACILITY

Name	Gainsborough - VIC - Blackburn - 15-33 Alfred Street
Facility Street Address	15-33 Alfred Street BLACKBURN Victoria 3130 AUSTRALIA
Geographic Coordinates	Latitude 37.820S / Longitude 145.158E

Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GAINSBOROUGH HARDWARE INDUSTRIES LIMITED

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GAINSBOROUGH HARDWARE INDUSTRIES LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
89	888	977

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
4,072	4,072	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
89	-	-	-	-	-	89

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Liquefied natural gas - Covered Emissions Fuel usage: combustion Criteria: A	2 kL	EC (GJ/Unit): 25.30 Z (GJ): 39	Gas: CO2 EF (kg CO2-e / GJ): 51.2 Method: Method 1	2
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg	

				CO2-e / GJ): 0.03 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport post-2004 Fuel usage: combustion Criteria: A	38 kL	EC (GJ/Unit): 34.20 Z (GJ): 1,302	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	87
				Gas: CH4 EF (kg CO2-e / GJ): 0.02 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
Source Total			1,341		89
Total			1,341		89

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	758,651	kWh	1.17	888
Total				888

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport post-2004	combustion	A	38	kL	34.2	1,302
						Total	1,302

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of gaseous fuels - Stationary energy purposes	Liquefied natural gas - Covered Emissions	combustion	A	2	kL	25.3	39
						Total	39

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	758,651	kWh	0.0036	2,731
						Total	2,731

27: GAINSBOROUGH - NSW - TAREN POINT - FACILITY

Name	Gainsborough - NSW - Taren Point
Facility Street Address	Suite 1B 120 Taren Point Road TAREN POINT New South Wales 2229 AUSTRALIA
Geographic Coordinates	Latitude 34.019S / Longitude 151.122E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GAINSBOROUGH HARDWARE INDUSTRIES LIMITED
Number of days with Operational Control:	17
Operational Control Dates:	01/07/2013 - 17/07/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GAINSBOROUGH HARDWARE INDUSTRIES LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
58	-	58

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
834	834	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
56	-	2	-	-	-	58

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	24 kL	EC (GJ/Unit): 34.20 Z (GJ): 833	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	56
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	2
Source Total			833		58
Total			833		58

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	274	kWh	0.87	0
Total				0

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	24	kL	34.2	833
						Total	833

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	274	kWh	0.0036	1
						Total	1

28: GAINSBOROUGH - WA - MALAGA - FACILITY

Name	Gainsborough - WA - Malaga
Facility Street Address	12 Juna Drive MALAGA Western Australia 6090 AUSTRALIA
Geographic Coordinates	Latitude 31.866S / Longitude 153.903E
Facility location	None
Activity location	Western Australia
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GAINSBOROUGH HARDWARE INDUSTRIES LIMITED
Number of days with Operational Control:	75
Operational Control Dates:	01/07/2013 - 13/09/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GAINSBOROUGH HARDWARE INDUSTRIES LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
31	7	38

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
488	488	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
30	-	1	-	-	-	31

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e /	

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	13 kL	GJ): 66.7 Method: Method 1	30	
			EC (GJ/Unit): 34.20 Z (GJ): 454	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	1
Source Total			454	31	
Total			454	31	

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	9,466	kWh	0.78	7
Total				7

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	13	kL	34.2	454
						Total	454

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	9,466	kWh	0.0036	34
						Total	34

29: GAINSBOROUGH - VIC - (AUSTRAL) BROOKLYN - EXPORT DRIVE - FACILITY

Name	Gainsborough - VIC - (Austral) Brooklyn - Export Drive
Facility Street Address	42 Export Drive BROOKLYN Victoria 3012 AUSTRALIA
Geographic Coordinates	Latitude 37.821S / Longitude 144.855E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GAINSBOROUGH HARDWARE INDUSTRIES LIMITED

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GAINSBOROUGH HARDWARE INDUSTRIES LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
668	751	1,419

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
15,368	15,368	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
667	1	-	-	-	-	668

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline - Covered Emissions Fuel usage: combustion Criteria: A	12,963 GJ	EC (GJ/Unit): 1.00 Z (GJ): 12,963	Gas: CO2 EF (kg CO2-e / GJ): 51.2 Method: Method 1	664
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	1
				Gas:	

				N2O EF (kg CO2-e / GJ): 0.03 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions Fuel usage: combustion Criteria: A	2 kL	EC (GJ/Unit): 25.70 Z (GJ): 44	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	3
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based greases - Covered Emissions Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 38.80 Z (GJ): 49	Gas: CO2 EF (kg CO2-e / GJ): - Method: Other Method	0
Source Total			13,056		668
Total			13,056		668

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	642,178	kWh	1.17	751
Total				751

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

--	--	--	--	--	--	--	--	--	--

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline - Covered Emissions	combustion	A	12,963	GJ	1	12,963
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	2	kL	25.7	44
Emissions released from combustion of petroleum based oils or greases	Petroleum based greases - Covered Emissions	combustion	A	1	kL	38.8	49
						Total	13,056

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	642,178	kWh	0.0036	2,312
						Total	2,312

INCIDENTAL EMISSIONS

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

Incidental emissions and energy

The following tables summarise total greenhouse gas emissions from operation of this facility during the reporting period

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	-	-

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

INCIDENTAL EMISSIONS

Source of Emissions	Activity Type	Fuel Type Or Energy Commodity	Criterion	Gases	Scope 1 Incidental Emissions (t CO2-e)

Stationary and Transport energy purposes (excluding electricity generation)	Emissions released from combustion of petroleum based oils or greases	Petroleum based greases - Covered Emissions	A	CO2	-
Total					-

30: GAINSBOROUGH - VIC - BLACKBURN - 190 WHITEHORSE RD - FACILITY

Name	Gainsborough - VIC - Blackburn - 190 Whitehorse Rd
Facility Street Address	190 Whitehorse Road BLACKBURN Victoria 3130 AUSTRALIA
Geographic Coordinates	Latitude 37.818S / Longitude 145.159E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	GAINSBOROUGH HARDWARE INDUSTRIES LIMITED
Number of days with Operational Control:	78
Operational Control Dates:	01/07/2013 - 16/09/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of GAINSBOROUGH HARDWARE INDUSTRIES LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	2	2

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
7	7	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	1,833	kWh	1.17	2
Total				2

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Total							0

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING

ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
						Total	0

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	1,833	kWh	0.0036	7
						Total	7

31: BRIVIS CLIMATE SYSTEMS PTY LTD - GROUP MEMBER

Name:	BRIVIS CLIMATE SYSTEMS PTY LTD
Australian Business Number (ABN)	64096079088
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Street address line 1	61 Malcolm Road
Street address line 2	-
Street address line 3	-
Street city/suburb	BRAESIDE
Street state	Victoria
Street postcode	3195
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
622	2,004	2,626

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
16,424	16,424	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
611	2	9	-	-	-	622

32: BRIVIS - VIC - BRAESIDE - FACILITY

Name	Brivis - VIC - Braeside
Facility Street Address	61 Malcolm Road BRAESIDE Victoria 3195 AUSTRALIA

Geographic Coordinates	Latitude 38.001S / Longitude 145.114E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	BRIVIS CLIMATE SYSTEMS PTY LTD

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of BRIVIS CLIMATE SYSTEMS PTY LTD

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
622	2,004	2,626

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
16,424	16,424	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
611	2	9	-	-	-	622

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline - Covered Emissions Fuel usage: combustion Criteria: A	4,803 GJ	EC (GJ/Unit): 1.00 Z (GJ): 4,803	Gas: CO2 EF (kg CO2-e / GJ): 51.2 Method: Method 1	246
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O	

				EF (kg CO2-e / GJ): 0.03 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions Fuel usage: combustion Criteria: A	5 kL	EC (GJ/Unit): 25.70 Z (GJ): 123	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	7
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Liquefied petroleum gas - Transport - Covered Emissions Fuel usage: combustion Criteria: A	3 kL	EC (GJ/Unit): 26.20 Z (GJ): 70	Gas: CO2 EF (kg CO2-e / GJ): 59.6 Method: Method 1	4
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas:	

				<p>N2O EF (kg CO2-e / GJ): 0.6 Method: Method 1</p>	0
<p>Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A</p>	48 kL	<p>Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1</p>	128	
			<p>EC (GJ/Unit): 38.60 Z (GJ): 1,853 Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1</p>	0	
			<p>Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1</p>	1	
<p>Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A</p>	99 kL	<p>Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1</p>	226	
			<p>EC (GJ/Unit): 34.20 Z (GJ): 3,386 Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1</p>	2	

				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	8
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of petroleum based oils or greases	Fuel / Energy commodity: Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions Fuel usage: combustion Criteria: A	1 kL	EC (GJ/Unit): 38.80 Z (GJ): 24	Gas: CO2 EF (kg CO2-e / GJ): - Method: Other Method	0
Source Total			10,259		622
Total			10,259		622

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	1,712,625	kWh	1.17	2,004
Total				2,004

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Liquefied petroleum gas - Transport - Covered Emissions	combustion	A	3	kL	26.2	70
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	48	kL	38.6	1,853
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	99	kL	34.2	3,386
						Total	5,309

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline - Covered Emissions	combustion	A	4,803	GJ	1	4,803

Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion A	5	kL	25.7	123
Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	combustion A	1	kL	38.8	24
					Total	4,950

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	1,712,625	kWh	0.0036	6,165
						Total	6,165

INCIDENTAL EMISSIONS

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

Incidental emissions and energy

The following tables summarise total greenhouse gas emissions from operation of this facility during the reporting period

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	-	-

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
-	-	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

INCIDENTAL EMISSIONS

Source of Emissions	Activity Type	Fuel Type Or Energy Commodity	Criterion	Gases	Scope 1 Incidental Emissions (t CO2-e)
Stationary and Transport energy purposes (excluding electricity generation)	Emissions released from combustion of petroleum based oils or greases	Petroleum based oils (other than petroleum based oil used as fuel) - Covered Emissions	A	CO2	-
Total					-

33: DUX MANUFACTURING LIMITED - GROUP MEMBER

Name:	DUX MANUFACTURING LIMITED
Australian Business Number (ABN)	19077879844
Australian Company Number (ACN)	-
Australian Registered Body Number (ARBN)	-
Trading Name	-
Street address line 1	Lackey Road
Street address line 2	-
Street address line 3	-
Street city/suburb	MOSS VALE
Street state	New South Wales
Street postcode	2577
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
1,443	3,349	4,792

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
41,660	41,660	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
1,436	3	1	-	3	-	1,443

34: DUX - NSW - MOSS VALE - FACILITY

Name	Dux - NSW - Moss Vale
Facility Street Address	Collins Road MOSS VALE New South Wales 2577 AUSTRALIA
Geographic Coordinates	Latitude 34.524S / Longitude 150.377E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	DUX MANUFACTURING LIMITED

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of DUX MANUFACTURING LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1	Scope 2	Total of Scope 1 and Scope 2
---------	---------	------------------------------

(t CO2-e)	(t CO2-e)	(t CO2-e)
1,443	3,329	4,772

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
41,599	41,599	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
1,436	3	1	-	3	-	1,443

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of gaseous fuels - Stationary energy purposes	Fuel / Energy commodity: Natural gas distributed in a pipeline - Covered Emissions Fuel usage: combustion Criteria: A	26,530 GJ	EC (GJ/Unit): 1.00 Z (GJ): 26,530	Gas: CO2 EF (kg CO2-e / GJ): 51.2 Method: Method 1	1,358
				Gas: CH4 EF (kg CO2-e / GJ): 0.1 Method: Method 1	3
				Gas: N2O EF (kg CO2-e / GJ): 0.03 Method: Method 1	1
				Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method:	3

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Covered Emissions</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>1 kL</p>	<p>EC (GJ/Unit): 38.60</p> <p>Z (GJ): 46</p>	<p>Method 1</p> <p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.1</p> <p>Method: Method 1</p>	<p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes</p>	<p>Fuel / Energy commodity: Liquefied petroleum gas - Covered Emissions</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>44 kL</p>	<p>EC (GJ/Unit): 25.70</p> <p>Z (GJ): 1,126</p>	<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 59.6</p> <p>Method: Method 1</p> <p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.1</p> <p>Method: Method 1</p> <p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.2</p> <p>Method: Method 1</p>	<p>67</p> <p>0</p> <p>0</p>
				<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.7</p>	<p>8</p>

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	4 kL	EC (GJ/Unit): 34.20 Z (GJ): 122	Method: Method 1	
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
Source Total			27,824		1,440
Source category: Industrial processes Source of emissions: Emissions of hydrofluorocarbons and sulphur hexafluoride gases Activity type: Emissions of hydrofluorocarbons from industrial refrigeration	-	-	-	Gas: HFCs EF (kg CO2-e / GJ): - Method: Method 1	3
				Source Total	
Total			27,824		1,443

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	3,826,428	kWh	0.87	3,329
Total				3,329

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	4	kL	34.2	122
						Total	122

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR PURPOSES OTHER THAN PRODUCING

ELECTRICITY, PRODUCING A CHEMICAL OR METAL PRODUCT OR FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of gaseous fuels - Stationary energy purposes	Natural gas distributed in a pipeline - Covered Emissions	combustion	A	26,530	GJ	1	26,530
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Diesel oil - Covered Emissions	combustion	A	1	kL	38.6	46
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Stationary energy purposes	Liquefied petroleum gas - Covered Emissions	combustion	A	44	kL	25.7	1,126
						Total	27,702

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	3,826,428	kWh	0.0036	13,775
						Total	13,775

35: DUX - VIC - CLAYTON NORTH - FACILITY

Name	Dux - VIC - Clayton North
Facility Street Address	1/20 Duerdin Street CLAYTON Victoria 3168 AUSTRALIA
Geographic Coordinates	Latitude 37.019S / Longitude 145.142E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	DUX MANUFACTURING LIMITED
Number of days with Operational Control:	199
Operational Control Dates:	01/07/2013 - 15/01/2014

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of DUX MANUFACTURING LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	20	20

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
61	61	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	17,000	kWh	1.17	20
Total				20

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
						Total	0

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	17,000	kWh	0.0036	61
						Total	61

36: API SERVICES AND SOLUTIONS PTY LIMITED - GROUP MEMBER

Name:	API SERVICES AND SOLUTIONS PTY LIMITED
Australian Business Number (ABN)	20146230711
Australian Company Number (ACN)	146230711
Trading Name	API Locksmith
Australian Registered Body Number (ARBN)	-
Street address line 1	Normanby Road
Street address line 2	-
Street address line 3	-
Street city/suburb	South Melbourne
Street state	Victoria
Street postcode	3205
Street country	AUSTRALIA

The following tables summarise total greenhouse gas emissions and energy data for all facilities that were under the operational control of this group member during the reporting period.

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
516	385	901

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO ₂ (t CO ₂ -e)	Methane CH ₄ (t CO ₂ -e)	Nitrous Oxide N ₂ O (t CO ₂ -e)	Perfluorocarbons PFCs (t CO ₂ -e)	Hydro Fluoro Carbons HFCs (t CO ₂ -e)	Sulphur Hexafluoride SF ₆ (t CO ₂ -e)	Total (t CO ₂ -e)
508	1	7	-	-	-	516

37: API VIC SOUTH MELBOURNE - FACILITY

Name	API VIC South Melbourne
Facility Street Address	248 Normanby Road South Melbourne Victoria 3205 AUSTRALIA
Geographic Coordinates	Latitude 37.829S / Longitude 144.948E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO ₂ -e)	Scope 2 (t CO ₂ -e)	Total of Scope 1 and Scope 2 (t CO ₂ -e)
109	134	243

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1,977	1,977	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO ₂ (t CO ₂ -e)	Methane CH ₄ (t CO ₂ -e)	Nitrous Oxide N ₂ O (t CO ₂ -e)	Perfluorocarbons PFCs (t CO ₂ -e)	Hydro Fluoro Carbons HFCs (t CO ₂ -e)	Sulphur Hexafluoride SF ₆ (t CO ₂ -e)	Total (t CO ₂ -e)
106	1	2	-	-	-	109

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO ₂ -e)
				Gas: CO ₂ EF (kg CO ₂ -e /	

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>17 kL</p>	<p>EC (GJ/Unit): 38.60</p> <p>Z (GJ): 674</p>	<p>GJ): 69.2</p> <p>Method: Method 1</p> <p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.2</p> <p>Method: Method 1</p> <p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.5</p> <p>Method: Method 1</p>	<p>47</p> <p>0</p> <p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>26 kL</p>	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 890</p>	<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.7</p> <p>Method: Method 1</p> <p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.6</p> <p>Method: Method 1</p> <p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 2.3</p> <p>Method: Method 1</p>	<p>59</p> <p>1</p> <p>2</p>
<p>Source Total</p>			<p>1,564</p>		<p>109</p>
<p>Total</p>			<p>1,564</p>		<p>109</p>

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	114,743	kWh	1.17	134
Total				134

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	17	kL	38.6	674
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	26	kL	34.2	890
						Total	1,564

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	114,743	kWh	0.0036	413
						Total	413

38: API ACT CANBERRA - FACILITY

Name	API ACT Canberra
Facility Street Address	Unit 2 73 Collie Street Fyskwick Australian Capital Territory 2609 AUSTRALIA
Geographic Coordinates	Latitude 35.330S / Longitude 149.180E
Facility location	None
Activity location	Australian Capital Territory
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
16	7	23

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
274	274	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
16	-	-	-	-	-	16

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	4 kL	EC (GJ/Unit): 38.60 Z (GJ): 150	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	10
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	6

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	3 kL	EC (GJ/Unit): 34.20 Z (GJ): 96	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1 Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0 0
Source Total			246		16
Total			246		16

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	7,745	kWh	0.87	7
Total				7

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	4	kL	38.6	150
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	3	kL	34.2	96
						Total	246

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	7,745	kWh	0.0036	28
						Total	28

39: API NSW ROCKDALE - FACILITY

Name	API NSW Rockdale
Facility Street Address	Shop 2/464 Princes Highway Rockdale New South Wales 2216 AUSTRALIA

Geographic Coordinates	Latitude 33.951S / Longitude 151.138E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
73	16	89

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
1,124	1,124	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
72	-	1	-	-	-	73

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion	Fuel / Energy commodity: Diesel oil - Transport	16 kL	EC (GJ/Unit): 38.60	Gas: CO2	42
Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)	Fuel usage: combustion			EF (kg CO2-e / GJ): 69.2	
Activity type: Emissions released from combustion of liquid fuels other than	Criteria: A		Z (GJ): 608	Gas: CH4	0
				EF (kg CO2-e / GJ): 0.2	
				Method:	

petroleum oils or greases - Transport energy purposes				Method 1	
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	30
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	13 kL	EC (GJ/Unit): 34.20 Z (GJ): 448	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	1
Source Total			1,056		73
Total			1,056		73

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	18,832	kWh	0.87	16
Total				16

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)

Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion A	16	kL	38.6	608
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion A	13	kL	34.2	448
					Total	1,056

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	18,832	kWh	0.0036	68
						Total	68

40: API NSW ST LEONARDS - FACILITY

Name	API NSW St Leonards
Facility Street Address	42 Dickson Street Artamon New South Wales 2064 AUSTRALIA
Geographic Coordinates	Latitude 33.816S / Longitude 151.184E
Facility location	None
Activity location	New South Wales
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
36	16	52

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
579	579	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
35	-	1	-	-	-	36

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	5 kL	<p>EC (GJ/Unit): 38.60</p> <p>Z (GJ): 210</p>	<p>Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1</p> <p>Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1</p> <p>Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1</p>	15 0 0
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	9 kL	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 302</p>	<p>Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1</p> <p>Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1</p> <p>Gas: N2O EF (kg CO2-e / GJ): 1 Method: Method 1</p>	20 0 1

				2.3 Method: Method 1
Source Total			512	36
Total			512	36

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	18,724	kWh	0.87	16
Total				16

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	5	kL	38.6	210
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	9	kL	34.2	302
						Total	512

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	18,724	kWh	0.0036	67
						Total	67

41: API QLD MILTON - FACILITY

Name	API QLD Milton
Facility Street Address	Unit 13 Lang Parade Milton Queensland 4064 AUSTRALIA
Geographic Coordinates	Latitude 27.474S / Longitude 153.002E
Facility location	None
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
38	22	60

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
644	644	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
37	-	1	-	-	-	38

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	5 kL	EC (GJ/Unit): 38.60 Z (GJ): 183	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	13
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
				Gas: CO2	

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	11 kL	EF (kg CO2-e / GJ): 66.7 Method: Method 1	24	
			EC (GJ/Unit): 34.20 Z (GJ): 363	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	1
			Source Total	546	38
Total	546	38			

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	27,260	kWh	0.82	22
Total				22

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	5	kL	38.6	183
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	11	kL	34.2	363
						Total	546

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a							

State or Territory	-	-	-	27,260	kWh	0.0036	98
						Total	98

42: API QLD SOUTHPORT - FACILITY

Name	API QLD Southport
Facility Street Address	118 Scarborough Street Southport Queensland 4020 AUSTRALIA
Geographic Coordinates	Latitude 27.965S / Longitude 153.413E
Facility location	None
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
24	18	42

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
433	433	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
24	-	-	-	-	-	24

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method	11

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	4 kL	EC (GJ/Unit): 38.60 Z (GJ): 160	1 Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	13
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	6 kL	EC (GJ/Unit): 34.20 Z (GJ): 195	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	13
Source Total			355		24
Total			355		24

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or	21,764	kWh	0.82	18

Territory							
Total							18

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	4	kL	38.6	160
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	6	kL	34.2	195
						Total	355

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	21,764	kWh	0.0036	78
						Total	78

43: API QLD UNDERWOOD - FACILITY

Name	API QLD Underwood
Facility Street Address	Unit 2a 18 Commercial Drive Browns Plains Queensland 4118 AUSTRALIA
Geographic Coordinates	Latitude 27.663S / Longitude 153.046E
Facility location	None
Activity location	Queensland
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
9	7	16

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
165	165	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
9	-	-	-	-	-	9

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	3 kL	EC (GJ/Unit): 38.60 Z (GJ): 135	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	9
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
Source Total			135		9
Total			135		9

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	8,354	kWh	0.82	7
Total				7

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	3	kL	38.6	135
						Total	135

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	8,354	kWh	0.0036	30
						Total	30

44: API SA ADELAIDE - FACILITY

Name	API SA Adelaide
Facility Street Address	Unit 2 60 Grove Avenue Adelaide South Australia 7000 AUSTRALIA
Geographic Coordinates	Latitude 34.947S / Longitude 138.562E
Facility location	None
Activity location	South Australia
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
20	8	28

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
338	338	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
19	-	1	-	-	-	20

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e / GJ):	2

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>1 kL</p>	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 34</p>	<p>66.7 Method: Method 1</p> <p>Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1</p>	<p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>7 kL</p>	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 255</p>	<p>Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1</p> <p>Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1</p> <p>Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1</p>	<p>17</p> <p>0</p> <p>1</p>
<p>Source Total</p>			<p>289</p>		<p>20</p>
<p>Total</p>			<p>289</p>		<p>20</p>

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	13,645	kWh	0.62	8
Total				8

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	1	kL	34.2	34
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	7	kL	34.2	255
						Total	289

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	13,645	kWh	0.0036	49
						Total	49

45: API VIC DANDENONG - FACILITY

Name	API VIC Dandenong
Facility Street Address	4/171-173 Cheltenham Road Dandenong Victoria 3175 AUSTRALIA
Geographic Coordinates	Latitude 37.988S / Longitude 145.194E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	272
Operational Control Dates:	02/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
12	22	34

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
241	241	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
12	-	-	-	-	-	12

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	5 kL	EC (GJ/Unit): 38.60 Z (GJ): 175	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	12
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
Source Total			175		12
Total			175		12

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	18,425	kWh	1.17	22
Total				22

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	5	kL	38.6	175

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	18,425	kWh	0.0036	66
						Total	66

46: API VIC GREENSBOROUGH - FACILITY

Name	API VIC Greensborough
Facility Street Address	Shop 6 93-95 Grimshaw Street Greensborough Victoria 3088 AUSTRALIA
Geographic Coordinates	Latitude 37.704S / Longitude 145.102E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
16	-	16

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
225	225	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
16	-	-	-	-	-	16

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2	

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>4 kL</p>	<p>EC (GJ/Unit): 38.60</p> <p>Z (GJ): 156</p>	<table border="1"> <tr> <td data-bbox="1453 69 1580 327"> <p>EF (kg CO2-e / GJ): 69.2</p> <p>Method: Method 1</p> </td> <td data-bbox="1453 327 1580 648"> <p>11</p> </td> </tr> <tr> <td data-bbox="1453 327 1580 648"> <p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.2</p> <p>Method: Method 1</p> </td> <td data-bbox="1453 648 1580 974"> <p>0</p> </td> </tr> <tr> <td data-bbox="1453 648 1580 974"> <p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.5</p> <p>Method: Method 1</p> </td> <td data-bbox="1453 974 1580 1942"> <p>0</p> </td> </tr> </table>	<p>EF (kg CO2-e / GJ): 69.2</p> <p>Method: Method 1</p>	<p>11</p>	<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.2</p> <p>Method: Method 1</p>	<p>0</p>	<p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.5</p> <p>Method: Method 1</p>	<p>0</p>
<p>EF (kg CO2-e / GJ): 69.2</p> <p>Method: Method 1</p>	<p>11</p>									
<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.2</p> <p>Method: Method 1</p>	<p>0</p>									
<p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 0.5</p> <p>Method: Method 1</p>	<p>0</p>									
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>2 kL</p>	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 69</p>	<table border="1"> <tr> <td data-bbox="1453 974 1580 1297"> <p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.7</p> <p>Method: Method 1</p> </td> <td data-bbox="1453 1297 1580 1619"> <p>5</p> </td> </tr> <tr> <td data-bbox="1453 1297 1580 1619"> <p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.6</p> <p>Method: Method 1</p> </td> <td data-bbox="1453 1619 1580 1942"> <p>0</p> </td> </tr> <tr> <td data-bbox="1453 1619 1580 1942"> <p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 2.3</p> <p>Method: Method 1</p> </td> <td data-bbox="1453 1942 1580 1995"> <p>0</p> </td> </tr> </table>	<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.7</p> <p>Method: Method 1</p>	<p>5</p>	<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.6</p> <p>Method: Method 1</p>	<p>0</p>	<p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 2.3</p> <p>Method: Method 1</p>	<p>0</p>
<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.7</p> <p>Method: Method 1</p>	<p>5</p>									
<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.6</p> <p>Method: Method 1</p>	<p>0</p>									
<p>Gas: N2O</p> <p>EF (kg CO2-e / GJ): 2.3</p> <p>Method: Method 1</p>	<p>0</p>									
<p>Source Total</p>			<p>225</p>	<p>16</p>						

Total	225	16
-------	-----	----

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	4	kL	38.6	156
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	2	kL	34.2	69
						Total	225

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
						Total	0

47: API VIC GEELONG - FACILITY

Name	API VIC Geelong
Facility Street Address	59 Ryrie Street Geelong Victoria 3220 AUSTRALIA
Geographic Coordinates	Latitude 38.148S / Longitude 144.356E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
9	22	31

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
195	195	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide	Methane	Nitrous Oxide	Perfluorocarbons	Hydro Fluoro Carbons	Sulphur Hexafluoride	Total

CO2 (t CO2-e)	CH4 (t CO2-e)	N2O (t CO2-e)	PFCs (t CO2-e)	HFCs (t CO2-e)	SF6 (t CO2-e)	(t CO2-e)
9	-	-	-	-	-	9

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	3 kL	EC (GJ/Unit): 38.60 Z (GJ): 127	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	9
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
Source Total			127		9
Total			127		9

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	18,805	kWh	1.17	22
Total				22

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	3	kL	38.6	127
						Total	127

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
---------------	-------------------------	------------	----------	--------	-------	---------------------------------	---------------------

Purchase of electricity from main electricity grid in a State or Territory	-	-	-	18,805	kWh	0.0036	68
						Total	68

48: API VIC HEIDELBERG - FACILITY

Name	API VIC Heidelberg
Facility Street Address	181 Burgandy Street Heidelberg Victoria 3084 AUSTRALIA
Geographic Coordinates	Latitude 37.756S / Longitude 145.064E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
30	44	74

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
578	578	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
30	-	-	-	-	-	30

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method:	17
				Method	

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	6 kL	EC (GJ/Unit): 38.60 Z (GJ): 245	Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	13
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	6 kL	EC (GJ/Unit): 34.20 Z (GJ): 196	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	13
Source Total			441		30
Total			441		30

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or	37,920	kWh	1.17	44

Territory							
Total							44

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	6	kL	38.6	245
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	6	kL	34.2	196
						Total	441

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	37,920	kWh	0.0036	137
						Total	137

49: API VIC MELBOURNE CBD - FACILITY

Name	API VIC Melbourne CBD
Facility Street Address	414 Latrobe Street Black Rock Melbourne Victoria 3000 AUSTRALIA
Geographic Coordinates	Latitude 37.811S / Longitude 144.957E
Facility location	None
Activity location	Victoria
Location description	Australia
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	349
Operational Control Dates:	01/07/2013 - 14/06/2014

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
-	10	10

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
31	31	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
-	-	-	-	-	-	-

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	8,517	kWh	1.17	10
Total				10

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	8,517	kWh	0.0036	31
						Total	31

50: API VIC MOORABBIN - FACILITY

Name	API VIC Moorabbin
Facility Street Address	163 Chesterville Road Moorabbin Victoria 3189 AUSTRALIA
Geographic Coordinates	Latitude 37.946S / Longitude 145.059E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	215
Operational Control Dates:	01/07/2013 - 31/01/2014

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
23	14	37

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
380	380	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide	Methane	Nitrous Oxide	Perfluorocarbons	Hydro Fluoro Carbons	Sulphur Hexafluoride	Total
----------------	---------	---------------	------------------	----------------------	----------------------	-------

CO2 (t CO2-e)	CH4 (t CO2-e)	N2O (t CO2-e)	PFCs (t CO2-e)	HFCs (t CO2-e)	SF6 (t CO2-e)	(t CO2-e)
23	-	-	-	-	-	23

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	6 kL	EC (GJ/Unit): 38.60 Z (GJ): 226	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	16
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	3 kL	EC (GJ/Unit): 34.20 Z (GJ): 111	Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	7
				Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method	0

				1	
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0
Source Total				337	23
Total				337	23

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	11,891	kWh	1.17	14
Total				14

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	6	kL	38.6	226
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	3	kL	34.2	111
						Total	337

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	11,891	kWh	0.0036	43
						Total	43

51: API VIC NUNAWADING - FACILITY

Name	API VIC Nunawading
Facility Street Address	157 Sringvale Road Nunawadging Victoria 3131 AUSTRALIA
Geographic Coordinates	Latitude 37.819S / Longitude 145.176E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED

Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
16	15	31

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
292	292	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
16	-	-	-	-	-	16

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	4 kL	EC (GJ/Unit): 38.60 Z (GJ): 137	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	9
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5	0

				Method: Method 1
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	3 kL	EC (GJ/Unit): 34.20 Z (GJ): 109	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1
				Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1
Source Total			246	16
Total			246	16

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	12,693	kWh	1.17	15
Total				15

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	4	kL	38.6	137
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	3	kL	34.2	109
						Total	246

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	12,693	kWh	0.0036	46
						Total	46

52: API VIC NIDDRIE - FACILITY

Name	API VIC Niddrie
Facility Street Address	489a Keilor Road Niddrie Victoria 3042 AUSTRALIA
Geographic Coordinates	Latitude 37.736S / Longitude 144.889E
Facility location	None
Activity location	Victoria
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	273
Operational Control Dates:	01/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
33	11	44

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
513	513	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
33	-	-	-	-	-	33

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
				Gas: CO2 EF (kg CO2-e /	

<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Diesel oil - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>7 kL</p>	<p>EC (GJ/Unit): 38.60</p> <p>Z (GJ): 286</p>	<p>Gas: CH4</p> <p>EF (kg CO2-e / GJ): 0.2</p> <p>Method: Method 1</p>	<p>20</p> <p>0</p>
<p>Source category: Fuel combustion</p> <p>Source of emissions: Stationary and Transport energy purposes (excluding electricity generation)</p> <p>Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes</p>	<p>Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport</p> <p>Fuel usage: combustion</p> <p>Criteria: A</p>	<p>6 kL</p>	<p>EC (GJ/Unit): 34.20</p> <p>Z (GJ): 195</p>	<p>Gas: CO2</p> <p>EF (kg CO2-e / GJ): 66.7</p> <p>Method: Method 1</p>	<p>13</p> <p>0</p>
<p>Source Total</p>			<p>481</p>		<p>33</p>
<p>Total</p>			<p>481</p>		<p>33</p>

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	8,988	kWh	1.17	11
Total				11

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	7	kL	38.6	286
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	6	kL	34.2	195
						Total	481

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	8,988	kWh	0.0036	32
						Total	32

53: API WA CANNING VALE - FACILITY

Name	API WA Canning Vale
Facility Street Address	Unit 1 176 Bannister Road Canning Vale Western Australia 6155 AUSTRALIA
Geographic Coordinates	Latitude 32.060S / Longitude 115.909E
Facility location	None
Activity location	Western Australia
Location description	-
Activity description	-
ANZSIC Code	333 - Timber and hardware goods wholesaling
Group Member with Operational Control	API SERVICES AND SOLUTIONS PTY LIMITED
Number of days with Operational Control:	272
Operational Control Dates:	02/10/2012 - 30/06/2013

The following tables summarise total greenhouse gas emissions from operation of this facility during the period that it was under the operational control of API SERVICES AND SOLUTIONS PTY LIMITED

GREENHOUSE GAS EMISSIONS

Scope 1 (t CO2-e)	Scope 2 (t CO2-e)	Total of Scope 1 and Scope 2 (t CO2-e)
52	19	71

ENERGY PRODUCED AND ENERGY CONSUMED

Energy Consumed Total (GJ)	Energy Consumed Net (GJ)	Energy Produced (GJ)
837	837	-

GREENHOUSE GAS SCOPE 1 EMISSIONS BY GAS

Carbon Dioxide CO2 (t CO2-e)	Methane CH4 (t CO2-e)	Nitrous Oxide N2O (t CO2-e)	Perfluorocarbons PFCs (t CO2-e)	Hydro Fluoro Carbons HFCs (t CO2-e)	Sulphur Hexafluoride SF6 (t CO2-e)	Total (t CO2-e)
51	-	1	-	-	-	52

Scope 1 Emissions

EC = Energy Content Factor, Z = Energy Content, EF = Emission Factor

Source activity	Fuel	Quantity	Energy values (EC & Z)	Gas / Method	Scope 1 Emissions (t CO2-e)
Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Diesel oil - Transport Fuel usage: combustion Criteria: A	8 kL	EC (GJ/Unit): 38.60 Z (GJ): 302	Gas: CO2 EF (kg CO2-e / GJ): 69.2 Method: Method 1	21
				Gas: CH4 EF (kg CO2-e / GJ): 0.2 Method: Method 1	0
				Gas: N2O EF (kg CO2-e / GJ): 0.5 Method: Method 1	0
				Gas: CO2 EF (kg CO2-e / GJ): 66.7 Method: Method 1	30

Source category: Fuel combustion Source of emissions: Stationary and Transport energy purposes (excluding electricity generation) Activity type: Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Fuel / Energy commodity: Gasoline (other than for use as fuel in an aircraft) - Transport Fuel usage: combustion Criteria: A	13 kL	EC (GJ/Unit): 34.20 Z (GJ): 447	Gas: CH4 EF (kg CO2-e / GJ): 0.6 Method: Method 1 Gas: N2O EF (kg CO2-e / GJ): 2.3 Method: Method 1	0 1
Source Total			749		52
Total			749		52

Scope 2 Emissions

Activity Type	Amount	Units	Emission Factor (kg CO2-e / unit)	Scope 2 Emissions (t CO2-e)
Purchase of electricity from main electricity grid in a State or Territory	24,447	kWh	0.78	19
Total				19

ENERGY CONSUMED BY MEANS OF COMBUSTION FOR TRANSPORT

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Diesel oil - Transport	combustion	A	8	kL	38.6	302
Emissions released from combustion of liquid fuels other than petroleum oils or greases - Transport energy purposes	Gasoline (other than for use as fuel in an aircraft) - Transport	combustion	A	13	kL	34.2	447
						Total	749

ENERGY CONSUMED BY MEANS OTHER THAN COMBUSTION

Activity Type	Fuel / Energy Commodity	Fuel Usage	Criteria	Amount	Units	Energy Content Factor (GJ/Unit)	Energy Content (GJ)
Purchase of electricity from main electricity grid in a State or Territory	-	-	-	24,447	kWh	0.0036	88
						Total	88

CORPORATE GROUP THRESHOLD MET

The corporate group of GWA GROUP LIMITED has met a corporate group threshold prescribed in sections 13 (1)(a),(b), or (c) of the NGER Act during the reporting year and is reporting under Divisions 4.3 to 4.5 of the NGER regulations (regulation 4.02(3)(b)).

REPORTING ABOUT INCIDENTAL EMISSION AND ENERGY

This Report contains greenhouse gas emissions and energy information from facilities that is incidental to the operation of the facility and reported in accordance with NGER Regulation 4.27. The measurement of the production of energy from these sources using another method or criteria in the NGER Determination would cause the corporation significant hardship or expense.

ATTACHMENTS LIST

Text	Description	Type
Emission of CO2 2013-2014.pdf	Caroma Wetherill Park Fugative Emissions	Other
Refrigerant Fugitive Emissions R134a loss Dux Moss Vale 2013-14.pdf	Dux Refrigerant Emissions	Other

PRIVACY STATEMENT

Personal Information

Under the *Clean Energy Regulator Act 2011* ("the CER Act"), the *National Greenhouse and Energy Reporting Act 2007* ("the NGER Act") and the *National Greenhouse and Energy Reporting Regulations 2008* ("the Regulations"), the Clean Energy Regulator ("the Regulator") and its authorised staff have the authority to collect the information (which may include personal information) in this report.

'Personal information' means information or an opinion about an identified individual, or an individual who is reasonably identifiable. Personal information collected in relation to this report will be used for the purpose of assessing the information it contains, auditing compliance with, and enforcement of, relevant laws and regulations, and for related purposes.

In compliance with the *Privacy Act 1988*, the Regulator has appropriate measures in place to ensure that personal information is protected. Measures include procedures and systems for the receipt, management and storage of personal information and ongoing measures to check the integrity of systems and to ensure that procedures are being followed. The Regulator's privacy policy is available on its website at: www.cleanenergyregulator.gov.au

Disclosure of information

The Regulator and its authorised staff are only able to disclose information relating to this report (including personal information) in accordance with the *Clean Energy Regulator Act 2011* (CER Act), the NGER Act or as otherwise required by law.

The circumstances in which such information may be disclosed include:

- Disclosure to the Secretary or authorised officer of a Department for the purpose of administering a program or collecting statistics relating to greenhouse gas emissions, energy consumption or energy production;
- Disclosure to certain agencies, bodies or persons where the Regulator is satisfied that disclosure will enable or assist those agencies, bodies or persons to perform or exercise their functions or powers, including the Australian Securities and Investments Commission, the Australian Competition and Consumer Commission and the Commissioner of Taxation;
- Disclosure for the purposes of law enforcement; and
- Disclosure to States and Territories in accordance with the NGER Act.

DECLARATION

The Executive Officer (or equivalent), as described in the National Greenhouse and Energy Reporting Act 2007 (NGER Act), should read the following declaration below before electronically submitting the report

It is the responsibility of the reporting entity to ensure that the information provided in the Report is prepared in accordance with the requirements set out in the NGER Act and the *National Greenhouse and Energy Reporting Regulations 2008 (the NGER Regulations)* and that the data it contains is based on methods prescribed in the *National Greenhouse and Energy Reporting (Measurement) Determination 2008 (the Measurement Determination)*.

Under the NGER Act and the NGER Regulations, the reporting entity remains responsible for the truth and accuracy of the contents of the report despite the assistance, if any, of a third party in its preparation.

In order to assist reporting entities to comply with their reporting obligations under the NGER Act and the NGER Regulations, NGER guidance material has been developed by the Regulator and is available on the Regulator's website at www.cleanenergyregulator.gov.au. NGER guidance material can be used in conjunction with the *National Greenhouse and Energy Reporting (Measurement) Technical Guidelines* ("NGER Technical Guidelines"). *A reporting entity should, if it has any doubts, seek independent legal advice to determine if, and how, the NGER Act, the*

NGER Regulations, and the Measurement Determination apply to it.

Section 19 of the NGER Act includes a civil penalty provision, a breach of which may attract a pecuniary penalty of up to 2,000 penalty units. The *Crimes Act 1914* provides that one penalty unit is \$170.

In accordance with section 22 of the NGER Act, a reporting entity is required to keep records of the activities of the members of its group that, inter alia, allow it to report accurately under the NGER Act. Records must be retained for a period of 5 years from the end of the year in which the activities took place. Section 22 includes a civil penalty provision, a breach of which may attract a pecuniary penalty of up to 1,000 penalty units.

By electronically submitting, the signatory declares that:

- they have read and understood the penalties that apply for breaching the *National Greenhouse and Energy Reporting Act 2007*;
- the information provided in this report (including any attachments) is true and correct, and that they understand that the provision of false or misleading information is a serious offence under the Criminal Code and may have consequences under the *Clean Energy Act 2011* or the *National Greenhouse and Energy Reporting Act 2007*;
- the information provided in this Report has been prepared and supplied in accordance with the requirements set out in the *National Greenhouse and Energy Reporting Act 2007*, the *National Greenhouse and Energy Reporting Regulations 2008* and the *National Greenhouse and Energy Reporting (Measurement) Determination 2008*;
- they are duly authorised to act, including submitting this report, on behalf of the reporting entity;
- the Clean Energy Regulator may compel or conduct an audit of the information contained in this report or in relation to compliance with the *National Greenhouse and Energy Reporting Act 2007* or the *National Greenhouse and Energy Reporting Regulations 2008*; and
- the Clean Energy Regulator may request further clarification or documentation to verify the information supplied in this Report.