Australian Government

Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

NATIONAL GREENHOUSE AND ENERGY REPORT

GWA International Ltd

FOR THE REPORTING PERIOD 01/07/2009 - 30/06/2010

PART A

Reporting under the National Greenhouse and Energy Reporting (NGER) Act 2007

This report refers to the reporting entity, which is any corporation or person obligated to submit a report (the Report) under the NGER Act; including, registered corporations under section 12, a corporation holding a Reporting Transfer Certificate (RTC) under section 22K or an "other person" as declared by the Greenhouse and Energy Data Officer (GEDO) under section 20.

A reporting entity is to submit Part A and B report components, which together comprise the Report in the form approved by the GEDO.

This Report must contain any information specified by the NGER legislation in relation to the greenhouse gas (GHG) emissions, energy production and energy consumption from the operation of facilities. Data used to compile the Report must be based on the methods specified in the NGER (Measurement) Determination 2008.

Submitting the Report

This Report is only valid when Part B has been completed in Online System for Comprehensive Activity Reporting (OSCAR) and a printed and signed Part A has subsequently been received by the Greenhouse and Energy Reporting Office. The Part A report is only to be signed after Part B has been completed in OSCAR. If the information provided at Part B has been altered after the signing of Part A, the Report will no longer be valid. To ensure that a valid Report has been provided, please check that the version designated (in the footer of the report) on Part A corresponds with that on Part B. A hardcopy version of Part B does not need to be sent along with the signed Part A.

CORPORATION DETAILS

Reporting Entity name:	**GWA International Ltd**
Identifying Details:	**ABN: 15 055 964 380**
Chief Executive Officer (or equivalent):	**Mr Peter Charles Crowley**

Corporation Head Office Street Address:

Level 14
10 Market Street
BRISBANE, QLD 4000, AUSTRALIA

Corporation Postal Address:

Level 14
10 Market Street
BRISBANE, QLD 4000, AUSTRALIA

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CEO (or equivalent) details:

Name: Mr Peter Charles Crowley

Position: Chief Executive Officer

Address: Level 14
10 Market Street
BRISBANE, QLD 4000,
AUSTRALIA

Phone: 0730085073

Email: pcrowley@gwail.com.au

Contact Person details:

Name: Mr Neil Gregory Dow

Position: Group Risk and Procurement Manager

Address: 222 Park Street
SOUTH MELBOURNE, VIC 3205,
AUSTRALIA

Phone: 0392061402

Email: ndow@gwail.com.au

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GREENHOUSE GAS EMISSIONS AND ENERGY TOTALS FOR THE REPORTING PERIOD 01/07/2009 - 30/06/2010

The table below reports total scope 1 and scope 2 greenhouse gas emissions (GHG), energy produced and energy consumed by the corporate group as reported in detail in Part B of this Report.

	GHG EMISSIONS			ENERGY	
	Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
Actual	14,673	31,778	46,451	400,308	0
% Value Converted to Value	0	0	0	0	0
Corporation Total:	14,673	31,778	46,451	400,308	0

This report contains data that has been measured using the following methods as outlined in the National Greenhouse and Energy Reporting (Measurement) Determination 2008

Method 1 Known as the default method, derived from the National Greenhouse Accounts methods and is based on national average estimates

Method 3 Facility specific method using Australian or equivalent standards for both sampling and analysis

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STATEMENTS

Any statements below are system generated for Reports prepared under certain provisions in the NGER legislation.

Corporate group threshold met:

The corporate group of GWA International Ltd 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)).

VALIDATION WARNINGS

This report contained 0 unresolved warnings listed in Part B of the Report.

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PRIVACY STATEMENT

Personal Information

Under the NGER Act and the NGER Regulations, the Greenhouse Energy Data Officer (the GEDO) and authorised staff have the authority to collect information which may include personal information as defined by the Privacy Act 1988 (Cth).

"Personal information", as defined in the Privacy Act, means any information from which a person's identity is apparent or can be reasonably ascertained.

In compliance with the Privacy Act, the Greenhouse and Energy Reporting Office of the Department of Climate Change and Energy Efficiency 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 monitoring of these arrangements.

Disclosure of information

The GEDO and authorised staff are only able to disclose greenhouse and energy information (which may include personal information) in accordance with the NGER Act or as otherwise required by law.

Information may be disclosed for the following purposes:

- administering a program or collecting statistics relating to greenhouse gas emissions, energy consumption or energy production;
- in connection with court or tribunal proceedings, or proposed or possible court or tribunal proceedings under the NGER Act;
- facilitating reviews of Australia's compliance with its international obligations relating to reporting of greenhouse gas emissions, consumption of energy or production of energy; and
- streamlining State and Territory programs in accordance with the objectives of the NGER Act.

The full Privacy Statement for the Department of Climate Change and Energy Efficiency is available online at http://www.climatechange.gov.au/statements/privacy.html.

If you have further questions on privacy of information collected under the NGER Act, please contact the Greenhouse and Energy Reporting Office on 1800 018 831.

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DECLARATION

The CEO (or equivalent) should read the following declaration and sign below

It is the responsibility of the reporting entity to ensure that the information provided in the Report is prepared and supplied in accordance with the requirements set out in the NGER Act and NGER Regulations and that the data is based on methods in the NGER (Measurement) Determination.

Under the NGER Act and NGER Regulations, it is the responsibility of the reporting entity to provide the necessary information in their Report even if someone else assists it in preparing that data.

In order to assist reporting entities to comply with their reporting obligations under the NGER Act and NGER Regulations, NGER Guidance material has been developed by the Commonwealth and is available on the Department's website: www.climatechange.gov.au/reporting. NGER Guidance material can be used in conjunction with the NGER Technical Guidelines, which were developed to assist stakeholders understand and apply the NGER (Measurement) Determination.

It should be noted that neither NGER Guidance nor the NGER Technical Guidelines constitute legal advice. Reporting entities are encouraged to seek independent advice to find out how the NGER Act and its subordinate legislation applies, as it is the responsibility of each reporting entity to satisfy its statutory obligations.

Under sections 19, 20 and 22G of the NGER Act, a reporting entity who fails to provide a Report in compliance with its obligations could be liable for a civil penalty of up to 2,000 penalty units (under the Crimes Act 1914, a penalty unit is currently equal to $110). Under section 30 of the NGER Act, a reporting entity may be liable for an additional civil penalty for each day on and after the due date of the Report.

In accordance with section 22 of the NGER Act, a reporting entity is required to maintain records of the activities for which it is responsible in order to demonstrate that it has complied with its obligations under the NGER legislation. Records should be retained for a period of 7 years from the end of the year in which the activities took place. Failure to comply with this directive could be punishable by up to 1,000 penalty units.

By signing below, the Chief Executive Officer (or equivalent), as identified, acknowledges the above declaration and that:

- Parts A and B of this Report are being provided by the identified reporting entity in accordance with the NGER legislation.
- Either
  - this Report is required for a registered corporation's trigger year (within the meaning of subsections 12(1) or (3) of the NGER Act); or
  - the corporation was a registered corporation at the end of the financial year to which the Report relates; or
  - the corporation was the holder of an RTC in relation to a facility at the end of the financial year to which the Report relates; or
  - the Report is being provided by an "other person" as declared by the GEDO under s.20 of the NGER Act.
- The validation warnings identified in this Report have been noted.
- The information provided in Parts A and B of this Report has been prepared and supplied in accordance with the requirements set out in the NGER Act, NGER Regulations and NGER (Measurement) Determinations.
- Under Division 137 of the Criminal Code it may be an offence to provide false or misleading information or documents to the GEDO in purported compliance with this Act.

Name of CEO (or equivalent) (in full) _____

Signature of CEO (or equivalent) _____

Date _____

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Where the CEO has not signed this report:
The CEO (or equivalent) of a reporting entity may not delegate authority to sign the NGER Report to another person. However, it is acceptable for a senior executive officer, who is officially acting in the absence of the CEO (or equivalent), to sign Part A of the NGER Report. Alternatively, the CEO can authorise another person to sign the Report for and on their behalf. For more information on alternative signatories please contact the Department or visit our website.

☐ The Report has been signed by a senior executive officer, who is officially acting in the absence of the CEO (or equivalent); or
☐ The Report has been signed by a person that has been authorised by the CEO, to sign for and on their behalf (evidence of authorisation must be provided)

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Once signed, a copy of Part A should be kept for your records. The signed Part A must be received by the GEDO before the reporting due date. A hardcopy version of Part B does not need to be sent with Part A.

Post: Greenhouse and Energy Data Officer
NGER Office
Department of Climate Change and Energy Efficiency
GPO Box 854
CANBERRA ACT 2601

Reporting entities may alternatively submit the scanned signed Part A to the GEDO by email (reporting@climatechange.gov.au) or facsimile (+61 2 6159 7040). A corporation will be considered to have met its reporting deadline if the scanned signed copy is received by the GEDO, by the deadline. If submission occurs by email or facsimile, the corporation is also requested to send the original hardcopy in the mail.

After the signed hardcopy of Part A is received by the Greenhouse and Energy Reporting Office, the primary contact will be sent a written receipt confirmation that the Report has been received in full.

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NATIONAL GREENHOUSE AND ENERGY REPORT

GWA International Ltd

FOR THE REPORTING PERIOD 01/07/2009 - 30/06/2010

PART B

Head Office Postal Address:

Level 14
10 Market Street
BRISBANE, QLD 4000, AUSTRALIA

Head Office Street Address:

Level 14
10 Market Street
BRISBANE, QLD 4000, AUSTRALIA

Reporting under the National Greenhouse and Energy Reporting (NGER) Act 2007

A reporting entity must submit Part A and B report components, which together comprise the National Greenhouse and Energy Report (the Report).

For registered corporations reporting in accordance with section 19 of the NGER Act, the Report contains information in relation to the GHG emissions, energy production and energy consumption from the operation of facilities under the operational control of the registered corporation or members of the corporation's group during the reporting period. For reporting entities holding an RTC, this Report contains information in relation to the GHG emissions, energy production and energy consumption from the operation of RTC facilities.

If the Report is being submitted by an "other person" as declared by the Greenhouse and Energy Data Officer under section 20 of the NGER Act, the Report only needs to contain the section 19 information that is not in the possession or under control of the registered corporation.

This Report must contain any information specified by the NGER legislation, and data used to compile the Report must be based on the methods specified in the NGER (Measurement) Determination 2008..

Submitting the Report

Part B of this Report is to be completed in the Online System for Comprehensive Activitiy Reporting (OSCAR), however the Report is not valid until a printed Part A report is subsequently signed and received by the Greenhouse and Energy Reporting Office. The Part A report is only to be signed after Part B has been completed in OSCAR. If the information provided at Part B has been altered after the signing of Part A, the Report will no longer be valid. To ensure that a valid Report has been provided, please check that the version designated on Part A corresponds with that on Part B. A hardcopy version of Part B does not need to be sent along with the signed Part A.

NB: If a registered corporation does not meet a threshold under section 13 of the NGER Act, the data tables in this report will be blank, but group member and facility details will be included with a statement to satisfy legislative requirements.

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GREENHOUSE GAS EMISSIONS AND ENERGY TOTALS FOR THE REPORTING PERIOD

The tables below report total scope 1 and scope 2 greenhouse gas emissions (GHG), energy consumed and energy produced by the corporate group if a s.13 threshold is met for the reporting period.

	GHG EMISSIONS			ENERGY	
	Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
Actual	14,673	31,778	46,451	400,308	0
% Value Converted to Value	0	0	0	0	0
Corporation Total:	14,673	31,778	46,451	400,308	0

GHG Scope 1 Emission By Gas (t CO_2-e)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
14,550	25	15	0	82	0	14,673

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REPORTING SMALLER FACILITIES BY ESTIMATING EMISSIONS AND ENERGY (Reg. 4.26)

Smaller facilities that are below GHG emissions or energy levels defined in regulaton 4.26 can be reported as an estimated percentage of the corporate group's totals. The values of GHG emissions and energy reported under this regulation are based on the following percentage estimates. GHG emissions and energy data is not required to be reported elsewhere for facilities that are reported under this regulation.

Number of facilities reported as %	GHG Emissions (%)	Energy Produced (%)	Energy Consumed (%)
0	0	0	0

This report contains data that has been measured using the following methods as outlined in the NGER (Measurement) Determination 2008:

Method 1 Known as the default method, derived from the National Greenhouse Accounts methods and is based on national average estimates

Method 3 Facility specific method using Australian or equivalent standards for both sampling and analysis

REPORTING ASSESSMENT OF UNCERTAINTY UNDER NGER REGULATION 4.17A

The NGER Regulations require corporations to include the amount of uncertainty associated with estimates of scope 1 emissions for their corporate group in their 2009-10 report. In accordance with Chapter 8 of the NGER Determination, uncertainty is to be assessed for emissions estimates so that a range for statistical uncertainty is provided within a 95% confidence level. The NGER Determination currently sets out the uncertainty levels for emissions factors and energy content of activities to enhance Method 1 calculations. If there are no specific guidelines in the determination, uncertainty of emissions estimates are to be assessed in accordance with the GHG protocol guidance on uncertainty assessment in the GHG Inventories and Calculating Statistical Parameter Uncertainty (September 2003). Further guidance on calculating uncertainty is provided in the NGER (Measurement) Determination.

It is recognised that some corporations may not be in a position to provide uncertainty figures, as the amendments took effect halfway through a reporting year. Corporations are still encouraged to include uncertainty figures in their 2009-10 report wherever possible.

The GEDO has stated that he will not take compliance action for failure to meet the uncertainty reporting requirement until the 2010-11 reporting year.

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STATEMENTS

Any statements below are system generated for Reports prepared under certain provisions in the NGER legislation.

Corporate group threshold met:

The corporate group of GWA International Ltd 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)).

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CORPORATE SUMMARY

Scope 1 Greenhouse Gas Emissions Summary

Source Name	Activity Data Name	Activity Data Context Name	Amount	Unit	Scope 1 (t CO_2-e)
Other Stationary	Diesel Oil	Non-transport	5	kL	15
Other Stationary	Liquefied petroleum gas	Non-transport	141	kL	217
Other Stationary	Natural gas distributed in a pipeline	Non-transport	235,640	GJ	12,095
Other Stationary	Other gaseous fossil fuels	Non-transport	394	m^3	1
Transport	Diesel Oil	Transport - Post 2004 vehicles	44	kL	118
Transport	Ethanol for use as a fuel in an internal combustion engine	Transport - Post 2004 vehicles	1	kL	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	923	kL	2,112
Transport	Liquefied petroleum gas	Transport - Post 2004 vehicles	21	kL	32
				TOTAL:	14,591

Scope 2 Greenhouse Gas Emissions Summary

Source Name	Activity Data Name	Activity Data Context Name	Amount	Unit	Scope 2 (t CO_2-e)
Energy commodities	Electricity	Energy commodity	35,139,157	kWh	31,778
				TOTAL:	31,778

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Energy Consumption Summary

Source Name	Activity Type	Activity Type Context	Amount	Unit	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity	35,139,157	kWh	126,501
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	13	kL	510
Other Stationary	Natural gas distributed in a pipeline	Non-transport	235,640	GJ	235,640
Other Stationary	Other gaseous fossil fuels	Non-transport	394	m^3	15
Other Stationary	Diesel Oil	Non-transport	5	kL	211
Other Stationary	Liquefied petroleum gas	Non-transport	141	kL	3,627
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	923	kL	31,562
Transport	Diesel Oil	Transport - Post 2004 vehicles	44	kL	1,688
Transport	Liquefied petroleum gas	Transport - Post 2004 vehicles	21	kL	539
Transport	Ethanol for use as a fuel in an internal combustion engine	Transport - Post 2004 vehicles	1	kL	15
				TOTAL:	400,308

Energy Production Summary

Methods of Production	Produced for the operation of the facility	Units	Produced for use outside the operation of the facility	Units	Produced for supply to an electricity transmission or distribution network	Units	Converted Amount (GJ)
						TOTAL:	

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CORPORATE STRUCTURE (TABLE OF CONTENTS) INCLUDING EMISSIONS SUMMARY

Emissions Summary By Facility

			GHG EMISSIONS			ENERGY	
Document Reference Number	Entity Name	Entity Type	Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
1	Brivis Climate Systems	Group Member	182	553	735	4,762	0
1.1	Brivis - VIC - Braeside	Facility	182	553	735	4,762	0
2	Caroma Industries Ltd	Group Member	9,938	16,829	26,767	259,780	0
2.1	Caroma Dorf - NSW - Epping	Facility	308	124	432	5,109	0
2.2	Caroma Dorf - NSW - Huntingwood	Facility	1	76	77	318	0
2.3	Caroma Dorf - NSW - Revesby	Facility	27	554	580	2,692	0
2.4	Caroma Dorf - NSW - Wetherill Park	Facility	8,938	10,084	19,022	214,476	0
2.5	Caroma Dorf - QLD - Ascot	Facility	67	22	89	1,096	0
2.6	Caroma Dorf - QLD - Eagle Farm	Facility	151	393	544	3,852	0
2.7	Caroma Dorf - SA - Glynde	Facility	0	2	2	10	0
2.8	Caroma Dorf - SA - Norwood	Facility	98	5,003	5,102	25,020	0
2.9	Caroma Dorf - TAS - Launceston	Facility	19	9	28	433	0
2.10	Caroma Dorf - VIC - Pascoe Vale	Facility	16	174	190	759	0
2.11	Caroma Dorf - VIC - South Melbourne	Facility	229	234	462	4,105	0
2.12	Caroma Dorf - WA - Osborne Park	Facility	83	155	238	1,910	0
3	Dux Manufacturing Ltd	Group Member	2,502	4,966	7,468	64,620	0
3.1	Dux - NSW - Moss Vale	Facility	2,156	4,796	6,952	58,810	0
3.2	Dux - NSW - Newington	Facility	131	79	210	2,268	0
3.3	Dux - QLD - Bowen Hills	Facility	83	19	102	1,322	0
3.4	Dux - QLD - Wacol	Facility	0	0	0	0	0
3.5	Dux - SA - Kent Town	Facility	25	5	30	395	0
3.6	Dux - SA - Norwood	Facility	13	3	16	211	0

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CORPORATE STRUCTURE (TABLE OF CONTENTS) INCLUDING EMISSIONS SUMMARY

Emissions Summary By Facility			GHG EMISSIONS			ENERGY	
Document Reference Number	Entity Name	Entity Type	Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
3.7	Dux - VIC - Clayton	Facility	28	21	49	478	0
3.8	Dux - VIC - Clayton North	Facility	42	34	76	729	0
3.9	Dux - WA - Balcatta	Facility	25	9	34	408	0
4	Gainsborough Hardware Industries Ltd	Group Member	1,742	3,916	5,658	44,018	0
4.1	Gainsborough - NSW - Taren Point	Facility	66	15	80	1,040	0
4.2	Gainsborough - QLD - Stones Corner	Facility	58	15	73	924	0
4.3	Gainsborough - SA - Vale Park	Facility	18	0	18	263	0
4.4	Gainsborough - VIC - (Austral) Brooklyn - Export Drive	Facility	578	592	1,170	13,038	0
4.5	Gainsborough - VIC - (Austral) South Melbourne	Facility	25	31	56	452	0
4.6	Gainsborough - VIC - Blackburn - 15-33 Alfred Street	Facility	0	937	937	2,844	0
4.7	Gainsborough - VIC - Blackburn - 190 Whitehorse Rd	Facility	248	2,078	2,326	10,284	0
4.8	Gainsborough - VIC - Blackburn - 9 Alfred Street	Facility	491	0	491	9,572	0
4.9	Gainsborough - VIC - Kyneton	Facility	197	211	408	4,516	0
4.10	Gainsborough - WA - Malaga	Facility	62	38	99	1,083	0
5	GWA International Ltd	Group Member	11	39	50	318	0
5.1	GWA - QLD - Market St	Facility	11	39	50	318	0
6	Rover Mowers Ltd	Group Member	96	216	311	2,323	0
6.1	Rover - NSW - Merrylands	Facility	10	1	11	156	0
6.2	Rover - QLD - Eagle Farm	Facility	75	214	289	1,997	0
6.3	Rover - VIC - Boronia	Facility	11	0	11	170	0
7	Sebel Furniture Ltd	Group Member	203	5,259	5,462	24,488	0
7.1	Sebel - NSW - Bankstown	Facility	126	5,132	5,258	22,862	0

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CORPORATE STRUCTURE (TABLE OF CONTENTS) INCLUDING EMISSIONS SUMMARY

Emissions Summary By Facility			GHG EMISSIONS			ENERGY	
Document Reference Number	Entity Name	Entity Type	Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
7.2	Sebel - QLD - Newstead	Facility	21	31	52	441	0
7.3	Sebel - SA - Keswick	Facility	14	13	27	274	0
7.4	Sebel - VIC - Carlton	Facility	21	49	69	452	0
7.5	Sebel - WA - Perth	Facility	21	34	55	459	0

CEO (or equivalent) details:

Name: Mr Peter Charles Crowley

Position: Chief Executive Officer

Address: Level 14
10 Market Street
BRISBANE, QLD 4000,
AUSTRALIA

Phone: 0730085073

Email: pcrowley@gwail.com.au

Contact Person details:

Name: Mr Neil Gregory Dow

Position: Group Risk and Procurement Manager

Address: 222 Park Street
SOUTH MELBOURNE, VIC 3205,
AUSTRALIA

Phone: 0392061402

Email: ndow@gwail.com.au

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REGISTRATION APPLICATION No.: R090729-00395

1. Group Member - Brivis Climate Systems

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
182	553	735	4,762	0

GHG Scope 1 Emission By Gas (t CO_2-e)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
181	0	1	0	0	0	182

Group Member Details

Identifying details: ABN: 64 096 079 088

Trading Name:

1.1. Facility - Brivis - VIC - Braeside

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
182	553	735	4,762	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
181	0	1	0	0	0	182

Facility Details

Operational Control: Brivis Climate Systems has operational control over this facility.

Facility Street Address: 61 Malcolm Road BRAESIDE, VIC 3195, AUSTRALIA

Geographic Coordinates: 38.001°S, 145.114°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 91

Facility Data

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GREENHOUSE GAS EMISSIONS

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

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Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	2	kL	25.7	55	59.600	CO_2	Method 1	3
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	1,502	GJ	1	1,502	51.200	CO_2	Method 1	77
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Other Stationary	Other gaseous fossil fuels	Non-transport	A	3	m^3	0.0393	0	51.200	CO_2	Method 1	0
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Transport	Diesel Oil	Transport - Post 2004 vehicles	A	19	kL	38.6	740	69.200	CO_2	Method 1	51
								0.010	CH_4	Method 1	0
								0.600	N_2O	Method 1	0
Transport	Ethanol for use as a fuel in an internal combustion engine	Transport - Post 2004 vehicles	A	1	kL	23.4	15	0.000	CO_2	Method 1	0
								0.200	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	7	kL	34.2	254	66.700	CO_2	Method 1	17
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Transport	Liquefied petroleum gas	Transport - Post 2004 vehicles	A	21	kL	26.2	539	59.600	CO_2	Method 1	32
								0.300	CH_4	Method 1	0
								0.300	N_2O	Method 1	0
										TOTAL:	182

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		453,637.83	kWh	553
					TOTAL:	553

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	7.43	kL	34.2	254
Transport	Diesel Oil	Transport - Post 2004 vehicles	Combusted	A	19.183	kL	38.6	740
Transport	Liquefied petroleum gas	Transport - Post 2004 vehicles	Combusted	A	20.556	kL	26.2	539
Transport	Ethanol for use as a fuel in an internal combustion engine	Transport - Post 2004 vehicles	Combusted	A	0.64	kL	23.4	15
							TOTAL:	1,548

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	1,502.353	GJ	1	1,502
Other Stationary	Other gaseous fossil fuels	Non-transport	Combusted	A	3	m^3	0.039	0
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	2.156	kL	25.7	55
							TOTAL:	1,558

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			453,637.83	kWh	0.004	1,633
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	0.578	kL	38.8	22
							TOTAL:	1,656

Australian Government

Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	3,106	GJ
Energy consumed by means other than combustion	1,656	GJ
TOTAL:	4,762	GJ

2. Group Member - Caroma Industries Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
9,938	16,829	26,767	259,780	0

GHG Scope 1 Emission By Gas (t CO_2-e)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
9,912	18	8	0	0	0	9,938

Group Member Details

Identifying details: ABN: 35 000 189 499

Trading Name: Not Required

2.1. Facility - Caroma Dorf - NSW - Epping

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
308	124	432	5,109	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
307	0	1	0	0	0	308

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: Level 2 Building C 4 Ray Road EPPING, NSW 2121, AUSTRALIA

Geographic Coordinates: 33.933°S, 151.001°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	135	kL	34.2	4,608	66.700	CO_2	Method 1	307
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	1
										TOTAL:	308

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		139,234	kWh	124
					TOTAL:	124

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	134.739	kL	34.2	4,608
							TOTAL:	4,608

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			139,234	kWh	0.004	501
							TOTAL:	501

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	4,608	GJ
Energy consumed by means other than combustion	501	GJ
TOTAL:	5,109	GJ

2.2. Facility - Caroma Dorf - NSW - Huntingwood

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
1	76	77	318	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
1	0	0	0	0	0	1

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 5 Liberty Place HUNTINGWOOD, NSW 2148, AUSTRALIA

Geographic Coordinates: 33.795°S, 150.872°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	0	kL	25.7	11	59.600	CO_2	Method 1	1
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	1

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		85,348	kWh	76
					TOTAL:	76

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.418	kL	25.7	11
							TOTAL:	11

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			85,348	kWh	0.004	307
							TOTAL:	307

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	11	GJ
Energy consumed by means other than combustion	307	GJ
TOTAL:	318	GJ

2.3. Facility - Caroma Dorf - NSW - Revesby

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
27	554	580	2,692	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
27	0	0	0	0	0	27

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 194 Milperra Road REVESBY, NSW 2212, AUSTRALIA

Geographic Coordinates: 33.932°S, 151.001°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	4	kL	25.7	95	59.600	CO_2	Method 1	6
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	185	GJ	1	185	51.200	CO_2	Method 1	9
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	5	kL	34.2	173	66.700	CO_2	Method 1	12
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	27

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		622,140	kWh	554
					TOTAL:	554

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	5.05	kL	34.2	173
							TOTAL:	173

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	185.1	GJ	1	185
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	3.693	kL	25.7	95
							TOTAL:	280

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			622,140	kWh	0.004	2,240
							TOTAL:	2,240

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	453	GJ
Energy consumed by means other than combustion	2,240	GJ
TOTAL:	2,692	GJ

2.4. Facility - Caroma Dorf - NSW - Wetherill Park

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
8,938	10,084	19,022	214,476	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
8,916	17	6	0	0	0	8,938

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 26-32 Walter Street WETHERILL PARK, NSW 2164, AUSTRALIA

Geographic Coordinates: 33.845°S, 150.910°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Diesel Oil	Non-transport	A	5	kL	38.6	211	69.200	CO_2	Method 1	15
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Liquefied petroleum gas	Non-transport	A	20	kL	25.7	503	59.600	CO_2	Method 1	30
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	171,644	GJ	1	171,644	51.200	CO_2	Method 1	8,788
								0.100	CH_4	Method 1	17
								0.030	N_2O	Method 1	5
Other Stationary	Other gaseous fossil fuels	Non-transport	A	42	m^3	0.0393	2	51.200	CO_2	Method 1	0
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	36	kL	34.2	1,240	66.700	CO_2	Method 1	83
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	8,938

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		11,329,822	kWh	10,084
					TOTAL:	10,084

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	36.271	kL	34.2	1,240
							TOTAL:	1,240

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	171,644	GJ	1	171,644
Other Stationary	Other gaseous fossil fuels	Non-transport	Combusted	A	42	m^3	0.039	2
Other Stationary	Diesel Oil	Non-transport	Combusted	A	5.476	kL	38.6	211
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	19.586	kL	25.7	503
							TOTAL:	172,360

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			11,329,822	kWh	0.004	40,787
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	2.275	kL	38.8	88
							TOTAL:	40,876

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	173,601	GJ
Energy consumed by means other than combustion	40,876	GJ
TOTAL:	214,476	GJ

2.5. Facility - Caroma Dorf - QLD - Ascot

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
67	22	89	1,096	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
67	0	0	0	0	0	67

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 134 Racecourse Road ASCOT , QLD 4007, AUSTRALIA

Geographic Coordinates: 27.433°S, 153.065°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	29	kL	34.2	1,007	66.700	CO_2	Method 1	67
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	67

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		24,772	kWh	22
					TOTAL:	22

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	29.444	kL	34.2	1,007
							TOTAL:	1,007

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			24,772	kWh	0.004	89
							TOTAL:	89

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,007	GJ
Energy consumed by means other than combustion	89	GJ
TOTAL:	1,096	GJ

2.6. Facility - Caroma Dorf - QLD - Eagle Farm

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
151	393	544	3,852	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
151	0	0	0	0	0	151

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 7 Eagle View Place EAGLE FARM, QLD 4009, AUSTRALIA

Geographic Coordinates: 27.436°S, 153.085°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	66	kL	34.2	2,263	66.700	CO_2	Method 1	151
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	151

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		441,340	kWh	393
					TOTAL:	393

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	66.17	kL	34.2	2,263
							TOTAL:	2,263

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			441,340	kWh	0.004	1,589
							TOTAL:	1,589

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	2,263	GJ
Energy consumed by means other than combustion	1,589	GJ
TOTAL:	3,852	GJ

2.7. Facility - Caroma Dorf - SA - Glynde

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
0	2	2	10	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
0	0	0	0	0	0	0

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 65 Glynburn Road GLYNDE, SA 5070, AUSTRALIA

Geographic Coordinates: 34.000°S, 138.000°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 122

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	0	kL	25.7	3	59.600	CO_2	Method 1	0
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	0

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		1,913	kWh	2
					TOTAL:	2

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.105	kL	25.7	3
							TOTAL:	3

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			1,913	kWh	0.004	7
							TOTAL:	7

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	3	GJ
Energy consumed by means other than combustion	7	GJ
TOTAL:	10	GJ

2.8. Facility - Caroma Dorf - SA - Norwood

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
98	5,003	5,102	25,020	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
98	0	0	0	0	0	98

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 76 Magill Road NORWOOD, SA 5067, AUSTRALIA

Geographic Coordinates: 34.915°S, 138.629°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	1	kL	25.7	21	59.600	CO_2	Method 1	1
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	250	GJ	1	250	51.200	CO_2	Method 1	13
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	37	kL	34.2	1,255	66.700	CO_2	Method 1	84
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	98

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		6,498,014.7	kWh	5,003
					TOTAL:	5,003

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	36.703	kL	34.2	1,255
							TOTAL:	1,255

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	250	GJ	1	250
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.798	kL	25.7	21
							TOTAL:	271

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			6,498,014.7	kWh	0.004	23,393
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	2.613	kL	38.8	101
							TOTAL:	23,494

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,526	GJ
Energy consumed by means other than combustion	23,494	GJ
TOTAL:	25,020	GJ

2.9. Facility - Caroma Dorf - TAS - Launceston

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
19	9	28	433	0

GHG Scope 1 Emission By Gas (t CO_2-e)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
19	0	0	0	0	0	19

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 22/34 Innocent Street KINGS MEADOWS, TAS 7249, AUSTRALIA

Geographic Coordinates: 41.463°S, 147.162°E

Region: TAS

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	0	kL	25.7	10	59.600	CO_2	Method 1	1
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	8	kL	34.2	278	66.700	CO_2	Method 1	19
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	19

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		40,362	kWh	9
					TOTAL:	9

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	8.135	kL	34.2	278
							TOTAL:	278

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	0.376	kL	25.7	10
							TOTAL:	10

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			40,362	kWh	0.004	145
							TOTAL:	145

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	288	GJ
Energy consumed by means other than combustion	145	GJ
TOTAL:	433	GJ

2.10. Facility - Caroma Dorf - VIC - Pascoe Vale

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
16	174	190	759	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
16	0	0	0	0	0	16

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 125 Sussex Street PASCOE VALE, VIC 3044, AUSTRALIA

Geographic Coordinates: 37.835°S, 144.962°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	3	kL	25.7	78	59.600	CO_2	Method 1	5
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	5	kL	34.2	167	66.700	CO_2	Method 1	11
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	16

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		142,723.9	kWh	174
					TOTAL:	174

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	4.881	kL	34.2	167
							TOTAL:	167

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	3.031	kL	25.7	78
							TOTAL:	78

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			142,723.9	kWh	0.004	514
							TOTAL:	514

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	245	GJ
Energy consumed by means other than combustion	514	GJ
TOTAL:	759	GJ

2.11. Facility - Caroma Dorf - VIC - South Melbourne

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
229	234	462	4,105	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
228	0	1	0	0	0	229

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 222 Park Street SOUTH MELBOURNE, VIC 3205, AUSTRALIA

Geographic Coordinates: 37.835°S, 144.962°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	100	kL	34.2	3,415	66.700	CO_2	Method 1	228
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	1
										TOTAL:	229

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		191,680	kWh	234
					TOTAL:	234

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	99.851	kL	34.2	3,415
							TOTAL:	3,415

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			191,680	kWh	0.004	690
							TOTAL:	690

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	3,415	GJ
Energy consumed by means other than combustion	690	GJ
TOTAL:	4,105	GJ

2.12. Facility - Caroma Dorf - WA - Osborne Park

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
83	155	238	1,910	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
83	0	0	0	0	0	83

Facility Details

Operational Control: Caroma Industries Ltd has operational control over this facility.

Facility Street Address: 39 King Edward Road OSBORNE PARK, WA 6017, AUSTRALIA

Geographic Coordinates: 31.899°S, 115.808°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	3	kL	25.7	74	59.600	CO_2	Method 1	4
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	34	kL	34.2	1,174	66.700	CO_2	Method 1	78
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	83

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		183,987	kWh	155
					TOTAL:	155

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	34.324	kL	34.2	1,174
							TOTAL:	1,174

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	2.864	kL	25.7	74
							TOTAL:	74

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			183,987	kWh	0.004	662
							TOTAL:	662

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,247	GJ
Energy consumed by means other than combustion	662	GJ
TOTAL:	1,910	GJ

3. Group Member - Dux Manufacturing Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
2,502	4,966	7,468	64,620	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
2,413	4	3	0	82	0	2,502

Group Member Details

Identifying details: ABN: 19 077 879 844

Trading Name:

3.1. Facility - Dux - NSW - Moss Vale

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
2,156	4,796	6,952	58,810	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
2,068	4	2	0	82	0	2,156

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: Collins Road MOSS VALE, NSW 2577, AUSTRALIA

Geographic Coordinates: 34.524°S, 150.377°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	58	kL	25.7	1,502	59.600	CO_2	Method 1	90
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	35,580	GJ	1	35,580	51.200	CO_2	Method 1	1,822
								0.100	CH_4	Method 1	4
								0.030	N_2O	Method 1	1
Other Stationary	Other gaseous fossil fuels	Non-transport	A	349	m^3	0.0393	14	51.200	CO_2	Method 1	1
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Transport	Diesel Oil	Transport - Post 2004 vehicles	A	17	kL	38.6	670	69.200	CO_2	Method 1	46
								0.010	CH_4	Method 1	0
								0.600	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	48	kL	34.2	1,644	66.700	CO_2	Method 1	110
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	2,074

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

Greenhouse Gas Emissions

Industrial Refrigeration

Activity type	Activity context	Criteria	Amount	Unit	Gas	Method	Total t CO_2-e Carbon Dioxide Equivalent.
Industrial refrigeration - HFC stock	Synthetic Gases	AA	0.063	tonnes	HFCs	Method 3	82
						TOTAL:	82

Global Warming Potential for Industrial Refrigeration

Source	Activity Data Name	Activity Data Context Name	Amount	Unit	Global Warming Gas	Global Warming Potential	Stock
Industrial Refrigeration	Industrial refrigeration - HFC stock	Synthetic Gases	0.063	tonnes	HFC-134a	1300	0

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		5,388,642	kWh	4,796
					TOTAL:	4,796

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	48.076	kL	34.2	1,644
Transport	Diesel Oil	Transport - Post 2004 vehicles	Combusted	A	17.358	kL	38.6	670
							TOTAL:	2,314

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	35,580	GJ	1	35,580
Other Stationary	Other gaseous fossil fuels	Non-transport	Combusted	A	349.3	m^3	0.039	14
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	58.463	kL	25.7	1,502
							TOTAL:	37,096

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			5,388,642	kWh	0.004	19,399
							TOTAL:	19,399

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	39,410	GJ
Energy consumed by means other than combustion	19,399	GJ
TOTAL:	58,810	GJ

3.2. Facility - Dux - NSW - Newington

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
131	79	210	2,268	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
130	0	0	0	0	0	131

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: Unit 19/4 Avenue of the Americas NEWINGTON, NSW 2127, AUSTRALIA

Geographic Coordinates: 33.834°S, 151.054°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Diesel Oil	Transport - Post 2004 vehicles	A	3	kL	38.6	100	69.200	CO_2	Method 1	7
								0.010	CH_4	Method 1	0
								0.600	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	54	kL	34.2	1,847	66.700	CO_2	Method 1	123
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	131

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		88,954	kWh	79
					TOTAL:	79

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	54.007	kL	34.2	1,847
Transport	Diesel Oil	Transport - Post 2004 vehicles	Combusted	A	2.603	kL	38.6	100
							TOTAL:	1,948

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			88,954	kWh	0.004	320
							TOTAL:	320

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,948	GJ
Energy consumed by means other than combustion	320	GJ
TOTAL:	2,268	GJ

3.3. Facility - Dux - QLD - Bowen Hills

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
83	19	102	1,322	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
83	0	0	0	0	0	83

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: Unit 2/7 O'Connell Terrace BOWEN HILLS, QLD 4006, AUSTRALIA

Geographic Coordinates: 27.591°S, 152.929°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 275

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	36	kL	34.2	1,245	66.700	CO_2	Method 1	83
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	83

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		21,203	kWh	19
					TOTAL:	19

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	36.415	kL	34.2	1,245
							TOTAL:	1,245

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			21,203	kWh	0.004	76
							TOTAL:	76

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,245	GJ
Energy consumed by means other than combustion	76	GJ
TOTAL:	1,322	GJ

3.4. Facility - Dux - QLD - Wacol

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
0	0	0	0	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
0	0	0	0	0	0	0

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: 739 Progress Road WACOL, QLD 4076, AUSTRALIA

Geographic Coordinates: 27.590°S, 152.929°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 85

Facility Data

3.5. Facility - Dux - SA - Kent Town

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
25	5	30	395	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
25	0	0	0	0	0	25

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: Level 1 43 Fullarton Road KENT TOWN, SA 5071, AUSTRALIA

Geographic Coordinates: 34.921°S, 138.623°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	11	kL	34.2	373	66.700	CO_2	Method 1	25
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	25

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		6,000	kWh	5
					TOTAL:	5

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	10.916	kL	34.2	373
							TOTAL:	373

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			6,000	kWh	0.004	22
							TOTAL:	22

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	373	GJ
Energy consumed by means other than combustion	22	GJ
TOTAL:	395	GJ

3.6. Facility - Dux - SA - Norwood

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
13	3	16	211	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
13	0	0	0	0	0	13

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: 76 Osmond Terrace NORWOOD, SA 5067, AUSTRALIA

Geographic Coordinates: 34.920°S, 138.632°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 123

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	6	kL	34.2	195	66.700	CO_2	Method 1	13
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	13

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		4,367	kWh	3
					TOTAL:	3

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	5.716	kL	34.2	195
							TOTAL:	195

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			4,367	kWh	0.004	16
							TOTAL:	16

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	195	GJ
Energy consumed by means other than combustion	16	GJ
TOTAL:	211	GJ

3.7. Facility - Dux - VIC - Clayton

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
28	21	49	478	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
28	0	0	0	0	0	28

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: 756 Blackburn Road CLAYTON, VIC 3168, AUSTRALIA

Geographic Coordinates: 37.911°S, 145.142°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 123

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	12	kL	34.2	416	66.700	CO_2	Method 1	28
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	28

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		17,418	kWh	21
					TOTAL:	21

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	12.152	kL	34.2	416
							TOTAL:	416

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			17,418	kWh	0.004	63
							TOTAL:	63

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	416	GJ
Energy consumed by means other than combustion	63	GJ
TOTAL:	478	GJ

3.8. Facility - Dux - VIC - Clayton North

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
42	34	76	729	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
42	0	0	0	0	0	42

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: 1/20 Duerdin Street CLAYTON, VIC 3168, AUSTRALIA

Geographic Coordinates: 37.019°S, 145.142°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 273

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	18	kL	34.2	628	66.700	CO_2	Method 1	42
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	42

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		27,920	kWh	34
					TOTAL:	34

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	18.365	kL	34.2	628
							TOTAL:	628

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			27,920	kWh	0.004	101
							TOTAL:	101

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	628	GJ
Energy consumed by means other than combustion	101	GJ
TOTAL:	729	GJ

3.9. Facility - Dux - WA - Balcatta

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
25	9	34	408	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
25	0	0	0	0	0	25

Facility Details

Operational Control: Dux Manufacturing Ltd has operational control over this facility.

Facility Street Address: 19 Mumford Place BALCATTA, WA 6021, AUSTRALIA

Geographic Coordinates: 31.858°S, 115.141°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	11	kL	34.2	370	66.700	CO_2	Method 1	25
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	25

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		10,414	kWh	9
					TOTAL:	9

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	10.823	kL	34.2	370
							TOTAL:	370

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			10,414	kWh	0.004	37
							TOTAL:	37

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	370	GJ
Energy consumed by means other than combustion	37	GJ
TOTAL:	408	GJ

4. Group Member - Gainsborough Hardware Industries Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
1,742	3,916	5,658	44,018	0

GHG Scope 1 Emission By Gas (t CO_2-e)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
1,737	3	2	0	0	0	1,742

Group Member Details

Identifying details: ABN: 25 004 792 269

Trading Name:

4.1. Facility - Gainsborough - NSW - Taren Point

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
66	15	80	1,040	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
65	0	0	0	0	0	66

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: Suite 1B 120 Taren Point Road TAREN POINT, NSW 2229, AUSTRALIA

Geographic Coordinates: 34.019°S, 151.122°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	29	kL	34.2	981	66.700	CO_2	Method 1	65
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	66

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		16,336	kWh	15
					TOTAL:	15

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	28.692	kL	34.2	981
							TOTAL:	981

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			16,336	kWh	0.004	59
							TOTAL:	59

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	981	GJ
Energy consumed by means other than combustion	59	GJ
TOTAL:	1,040	GJ

4.2. Facility - Gainsborough - QLD - Stones Corner

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
58	15	73	924	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
58	0	0	0	0	0	58

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 433 Logan Road STONES CORNER, QLD 4120, AUSTRALIA

Geographic Coordinates: 27.502°S, 153.046°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	25	kL	34.2	862	66.700	CO_2	Method 1	58
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	58

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		17,146	kWh	15
					TOTAL:	15

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	25.208	kL	34.2	862
							TOTAL:	862

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			17,146	kWh	0.004	62
							TOTAL:	62

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	862	GJ
Energy consumed by means other than combustion	62	GJ
TOTAL:	924	GJ

4.3. Facility - Gainsborough - SA - Vale Park

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
18	0	18	263	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
18	0	0	0	0	0	18

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 31 Lansdowne Terrace VALE PARK, SA 5081, AUSTRALIA

Geographic Coordinates: 34.888°S, 138.623°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	8	kL	34.2	263	66.700	CO_2	Method 1	18
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	18

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	7.694	kL	34.2	263
							TOTAL:	263

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	263	GJ
TOTAL:	263	GJ

4.4. Facility - Gainsborough - VIC - (Austral) Brooklyn - Export Drive

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
578	592	1,170	13,038	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
577	1	0	0	0	0	578

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 42 Export Drive BROOKLYN , VIC 3012, AUSTRALIA

Geographic Coordinates: 37.821°S, 144.855°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	4	kL	25.7	108	59.600	CO_2	Method 1	6
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	11,138	GJ	1	11,138	51.200	CO_2	Method 1	570
								0.100	CH_4	Method 1	1
								0.030	N_2O	Method 1	0
										TOTAL:	578

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		485,047	kWh	592
					TOTAL:	592

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	11,138	GJ	1	11,138
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	4.194	kL	25.7	108
							TOTAL:	11,246

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			485,047	kWh	0.004	1,746
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	1.196	kL	38.8	46
							TOTAL:	1,793

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	11,246	GJ
Energy consumed by means other than combustion	1,793	GJ
TOTAL:	13,038	GJ

4.5. Facility - Gainsborough - VIC - (Austral) South Melbourne

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
25	31	56	452	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
24	0	0	0	0	0	25

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 8-14 Rose Street SOUTH MELBOURNE, VIC 3205, AUSTRALIA

Geographic Coordinates: 37.830°S, 144.961°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 184

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Diesel Oil	Transport - Post 2004 vehicles	A	5	kL	38.6	177	69.200	CO_2	Method 1	12
								0.010	CH_4	Method 1	0
								0.600	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	5	kL	34.2	182	66.700	CO_2	Method 1	12
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	25

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		25,756	kWh	31
					TOTAL:	31

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	5.314	kL	34.2	182
Transport	Diesel Oil	Transport - Post 2004 vehicles	Combusted	A	4.596	kL	38.6	177
							TOTAL:	359

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			25,756	kWh	0.004	93
							TOTAL:	93

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	359	GJ
Energy consumed by means other than combustion	93	GJ
TOTAL:	452	GJ

4.6. Facility - Gainsborough - VIC - Blackburn - 15-33 Alfred Street

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
0	937	937	2,844	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
0	0	0	0	0	0	0

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 15-33 Alfred Street BLACKBURN, VIC 3130, AUSTRALIA

Geographic Coordinates: 37.820°S, 145.158°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd
ABN: 15 055 964 380
REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		767,983	kWh	937
					TOTAL:	937

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			767,983	kWh	0.004	2,765
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	2.05	kL	38.8	80
							TOTAL:	2,844

Summary Table

Categories	Converted Amount	Units
Energy consumed by means other than combustion	2,844	GJ
TOTAL:	2,844	GJ

4.7. Facility - Gainsborough - VIC - Blackburn - 190 Whitehorse Rd

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
248	2,078	2,326	10,284	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
247	0	1	0	0	0	248

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 190 Whitehorse Road BLACKBURN, VIC 3130, AUSTRALIA

Geographic Coordinates: 37.818°S, 145.159°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	1	kL	25.7	32	59.600	CO_2	Method 1	2
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	1,780	GJ	1	1,780	51.200	CO_2	Method 1	91
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	68	kL	34.2	2,309	66.700	CO_2	Method 1	154
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	248

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		1,703,178	kWh	2,078
					TOTAL:	2,078

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	67.524	kL	34.2	2,309
							TOTAL:	2,309

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	1,780	GJ	1	1,780
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	1.24	kL	25.7	32
							TOTAL:	1,812

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			1,703,178	kWh	0.004	6,131
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	0.82	kL	38.8	32
							TOTAL:	6,163

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	4,121	GJ
Energy consumed by means other than combustion	6,163	GJ
TOTAL:	10,284	GJ

4.8. Facility - Gainsborough - VIC - Blackburn - 9 Alfred Street

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
491	0	491	9,572	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
490	1	0	0	0	0	491

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 9 Alfred Street BLACKBURN, VIC 3130, AUSTRALIA

Geographic Coordinates: 37.819°S, 145.159°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	9,572	GJ	1	9,572	51.200	CO_2	Method 1	490
								0.100	CH_4	Method 1	1
								0.030	N_2O	Method 1	0
										TOTAL:	491

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	9,572	GJ	1	9,572
							TOTAL:	9,572

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	9,572	GJ
TOTAL:	9,572	GJ

4.9. Facility - Gainsborough - VIC - Kyneton

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
197	211	408	4,516	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
197	0	0	0	0	0	197

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 5 Johnson Court KYNETON, VIC 3444, AUSTRALIA

Geographic Coordinates: 37.241°S, 144.457°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	3,663	GJ	1	3,663	51.200	CO_2	Method 1	188
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	4	kL	34.2	136	66.700	CO_2	Method 1	9
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	197

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		172,742	kWh	211
					TOTAL:	211

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	3.978	kL	34.2	136
							TOTAL:	136

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	3,663	GJ	1	3,663
							TOTAL:	3,663

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			172,742	kWh	0.004	622
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	2.46	kL	38.8	95
							TOTAL:	717

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	3,799	GJ
Energy consumed by means other than combustion	717	GJ
TOTAL:	4,516	GJ

4.10. Facility - Gainsborough - WA - Malaga

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
62	38	99	1,083	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
61	0	0	0	0	0	62

Facility Details

Operational Control: Gainsborough Hardware Industries Ltd has operational control over this facility.

Facility Street Address: 12 Juna Drive MALAGA, WA 6090, AUSTRALIA

Geographic Coordinates: 31.866°S, 153.903°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	27	kL	34.2	922	66.700	CO_2	Method 1	61
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	62

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		44,871	kWh	38
					TOTAL:	38

Australian Government
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GWA International Ltd

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REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	26.955	kL	34.2	922
							TOTAL:	922

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			44,871	kWh	0.004	162
							TOTAL:	162

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	922	GJ
Energy consumed by means other than combustion	162	GJ
TOTAL:	1,083	GJ

5. Group Member - GWA International Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
11	39	50	318	0

GHG Scope 1 Emission By Gas (t CO_2-e)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
11	0	0	0	0	0	11

Group Member Details

Identifying details: ABN: 15 055 964 380

Trading Name:

5.1. Facility - GWA - QLD - Market St

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
11	39	50	318	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
11	0	0	0	0	0	11

Facility Details

Operational Control: GWA International Ltd has operational control over this facility.

Facility Street Address: Level 14 10 Market Street BRISBANE, QLD 4000, AUSTRALIA

Geographic Coordinates: 27.469°S, 153.029°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	5	kL	34.2	161	66.700	CO_2	Method 1	11
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	11

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		43,601	kWh	39
					TOTAL:	39

Australian Government
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GWA International Ltd

ABN: 15 055 964 380

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ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	4.7	kL	34.2	161
							TOTAL:	161

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			43,601	kWh	0.004	157
							TOTAL:	157

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	161	GJ
Energy consumed by means other than combustion	157	GJ
TOTAL:	318	GJ

6. Group Member - Rover Mowers Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
96	216	311	2,323	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
95	0	0	0	0	0	96

Group Member Details

Identifying details: ABN: 11 000 257 303

Trading Name:

6.1. Facility - Rover - NSW - Merrylands

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
10	1	11	156	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
10	0	0	0	0	0	10

Facility Details

Operational Control: Rover Mowers Ltd has operational control over this facility.

Facility Street Address: 2 McFarlane Street MERRYLANDS, NSW 2160, AUSTRALIA

Geographic Coordinates: 33.836°S, 150.991°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 275

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	4	kL	34.2	151	66.700	CO_2	Method 1	10
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	10

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		1,334	kWh	1
					TOTAL:	1

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ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	4.418	kL	34.2	151
							TOTAL:	151

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			1,334	kWh	0.004	5
							TOTAL:	5

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	151	GJ
Energy consumed by means other than combustion	5	GJ
TOTAL:	156	GJ

6.2. Facility - Rover - QLD - Eagle Farm

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
75	214	289	1,997	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
74	0	0	0	0	0	75

Facility Details

Operational Control: Rover Mowers Ltd has operational control over this facility.

Facility Street Address: 155 Fison Avenue West EAGLE FARM, QLD 4009, AUSTRALIA

Geographic Coordinates: 27.437°S, 153.089°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 275

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

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GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	6	kL	25.7	159	59.600	CO_2	Method 1	9
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	28	kL	34.2	972	66.700	CO_2	Method 1	65
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	75

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		240,650	kWh	214
					TOTAL:	214

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GWA International Ltd

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ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	28.414	kL	34.2	972
							TOTAL:	972

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	6.196	kL	25.7	159
							TOTAL:	159

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			240,650	kWh	0.004	866
							TOTAL:	866

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	1,131	GJ
Energy consumed by means other than combustion	866	GJ
TOTAL:	1,997	GJ

6.3. Facility - Rover - VIC - Boronia

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
11	0	11	170	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
11	0	0	0	0	0	11

Facility Details

Operational Control: Rover Mowers Ltd has operational control over this facility.

Facility Street Address: 2/175 Boronia Road BORONIA, VIC 3155, AUSTRALIA

Geographic Coordinates: 37.861°S, 145.280°E

Region: TAS

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 275

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

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GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	5	kL	34.2	163	66.700	CO_2	Method 1	11
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	11

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		1,937	kWh	0
					TOTAL:	0

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ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	4.772	kL	34.2	163
							TOTAL:	163

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			1,937	kWh	0.004	7
							TOTAL:	7

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	163	GJ
Energy consumed by means other than combustion	7	GJ
TOTAL:	170	GJ

7. Group Member - Sebel Furniture Ltd

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.

GHG EMISSIONS			ENERGY	
Scope 1 (t CO_2-e)	Scope 2 (t CO_2-e)	Total of Scope 1 and Scope 2 (t CO_2-e)	Energy Consumed (GJ)	Energy Produced (GJ)
203	5,259	5,462	24,488	0

GHG Scope 1 Emission By Gas (t CO_2-e)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
202	0	1	0	0	0	203

Group Member Details

Identifying details: ABN: 23 000 378 996

Trading Name:

7.1. Facility - Sebel - NSW - Bankstown

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
126	5,132	5,258	22,862	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
125	0	0	0	0	0	126

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: 92 Gow Street PADSTOW, NSW 2211, AUSTRALIA

Geographic Coordinates: 33.937°S, 151.033°E

Region: NSW

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Other Stationary	Liquefied petroleum gas	Non-transport	A	38	kL	25.7	977	59.600	CO_2	Method 1	58
								0.100	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
Other Stationary	Natural gas distributed in a pipeline	Non-transport	A	326	GJ	1	326	51.200	CO_2	Method 1	17
								0.100	CH_4	Method 1	0
								0.030	N_2O	Method 1	0
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	22	kL	34.2	755	66.700	CO_2	Method 1	50
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	126

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		5,766,483	kWh	5,132
					TOTAL:	5,132

Australian Government
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ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	22.088	kL	34.2	755
							TOTAL:	755

Energy consumed by means of combustion for a purpose other than producing electricity, producing a chemical or metal product or for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Other Stationary	Natural gas distributed in a pipeline	Non-transport	Combusted	A	326	GJ	1	326
Other Stationary	Liquefied petroleum gas	Non-transport	Combusted	A	38.01	kL	25.7	977
							TOTAL:	1,303

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			5,766,483	kWh	0.004	20,759
Energy consumed (not combusted)	Petroleum based oils (other than petroleum based oil as fuel)	Non-transport	Non-Combusted	A	1.14	kL	38.8	44
							TOTAL:	20,804

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	2,058	GJ
Energy consumed by means other than combustion	20,804	GJ
TOTAL:	22,862	GJ

7.2. Facility - Sebel - QLD - Newstead

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
21	31	52	441	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
21	0	0	0	0	0	21

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: Unit 2 32 Doggett Street NEWSTEAD, QLD 4006, AUSTRALIA

Geographic Coordinates: 27.455°S, 153.042°E

Region: QLD

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	9	kL	34.2	316	66.700	CO_2	Method 1	21
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	21

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		34,659	kWh	31
					TOTAL:	31

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ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	9.246	kL	34.2	316
							TOTAL:	316

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			34,659	kWh	0.004	125
							TOTAL:	125

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	316	GJ
Energy consumed by means other than combustion	125	GJ
TOTAL:	441	GJ

7.3. Facility - Sebel - SA - Keswick

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
14	13	27	274	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
14	0	0	0	0	0	14

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: 5 Marlow Road KESWICK, SA 5035, AUSTRALIA

Geographic Coordinates: 34.943°S, 138.580°E

Region: SA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	6	kL	34.2	212	66.700	CO_2	Method 1	14
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	14

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		17,267	kWh	13
					TOTAL:	13

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

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ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	6.196	kL	34.2	212
							TOTAL:	212

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			17,267	kWh	0.004	62
							TOTAL:	62

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	212	GJ
Energy consumed by means other than combustion	62	GJ
TOTAL:	274	GJ

7.4. Facility - Sebel - VIC - Carlton

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
21	49	69	452	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
21	0	0	0	0	0	21

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: 29 - 31 Rathdowne Street CARLTON, VIC 3053, AUSTRALIA

Geographic Coordinates: 37.806°S, 144.969°E

Region: VIC

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	9	kL	34.2	309	66.700	CO_2	Method 1	21
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	21

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		39,758	kWh	49
					TOTAL:	49

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	9.043	kL	34.2	309
							TOTAL:	309

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			39,758	kWh	0.004	143
							TOTAL:	143

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	309	GJ
Energy consumed by means other than combustion	143	GJ
TOTAL:	452	GJ

7.5. Facility - Sebel - WA - Perth

The following tables summarise greenhouse gas emissions and energy data for this facility during the reporting period.

GHG EMISSIONS			ENERGY	
Scope 1 ($t CO_2-e$)	Scope 2 ($t CO_2-e$)	Total of Scope 1 and Scope 2 ($t CO_2-e$)	Energy Consumed (GJ)	Energy Produced (GJ)
21	34	55	459	0

GHG Scope 1 Emission By Gas ($t CO_2-e$)						
CO_2 Carbon Dioxide	CH_4 Methane	N_2O Nitrous Oxide	Perfluorocarbons	HFCs Hydro Fluoro Carbons	Sulphur Hexa Fluoride	TOTAL
21	0	0	0	0	0	21

Facility Details

Operational Control: Sebel Furniture Ltd has operational control over this facility.

Facility Street Address: 295 Lord St PERTH, WA 6000, AUSTRALIA

Geographic Coordinates: 31.944°S, 115.873°E

Region: WA

ANZSIC Code: 333

Division: Wholesale Trade

Subdivision: Basic Material Wholesaling

Group: Timber and Hardware Goods Wholesaling

Class:

Number of days with Operational Control: 365

Facility Data

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

GREENHOUSE GAS EMISSIONS

Scope 1

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amount	Units	Energy Content Factor	Energy Content	Emission Factors	Gases	Method	Scope1 t CO_2-e Carbon Dioxide Equivalent.
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	A	9	kL	34.2	313	66.700	CO_2	Method 1	21
								0.020	CH_4	Method 1	0
								0.200	N_2O	Method 1	0
										TOTAL:	21

Please note that the scope 1 emissions total does not include emissions from activity types with a zero energy content factor

Greenhouse Gas Emissions

Scope 2

Source Name	Activity Data Name	Activity Data Context Name	Criteria	Amounts	Units	Scope2 t CO_2-e Carbon Dioxide Equivalent.
Energy commodities	Electricity	Energy commodity		40,517	kWh	34
					TOTAL:	34

Australian Government
Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

ENERGY CONSUMPTION

Energy consumed by means of combustion for transport

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Transport	Gasoline (other than for use as fuel in an aircraft)	Transport - Post 2004 vehicles	Combusted	A	9.143	kL	34.2	313
							TOTAL:	313

Energy consumed by means other than combustion

Source Name	Activity Type	Activity type context	Usage	Criteria	Amount	Units	Energy Content Factor	Converted Amount (GJ)
Energy commodities	Electricity	Energy commodity			40,517	kWh	0.004	146
							TOTAL:	146

Summary Table

Categories	Converted Amount	Units
Amount of energy consumed by means of combustion	313	GJ
Energy consumed by means other than combustion	146	GJ
TOTAL:	459	GJ

ADDITIONAL INFORMATION

Any further information you may wish to provide can be added to the "Comments" tab in OSCAR. Information provided may or may not be used by the GEDO and authorised staff, and will only be used in accordance with the NGER Act or as otherwise required by law.

Comments

There are 3 uploaded documents attached to the main OSCAR Submission. They are:-
1. Fugitive emissions of CO2 from the glaze and the clay body of Vitreous China during the kiln firing process at Caroma Wetherill Park
2. Calculated losses from R314A at Dux Moss vale
3. Fugitive emissions from use of bulk CO2 at Dux Moss Vale

Australian Government

Department of Climate Change and Energy Efficiency

GWA International Ltd

ABN: 15 055 964 380

REGISTRATION APPLICATION No.: R090729-00395

NATIONAL GREENHOUSE AND ENERGY REPORT

GWA International Ltd

FOR THE REPORTING PERIOD 01/07/2009 - 30/06/2010

PART C

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STATEMENT:

GWA International Ltd wishes to include as part of its National Greenhouse and Energy Report the following 3 attachments:

No.	File Name	Description
1	Emission of CO2 2009-10.pdf	Fugitive Emissions Kiln Wetherill Park
2	Fugitive Emissions R314a loss Dux Moss Vale 2009.pdf	Dux Mossvale R314a fugitive emissions
3	Dux - NSW - Mossvale Bulk CO2.pdf	Fugitive emission of CO2 supplied in a 6 pack of cylinders