

## PUBLIC REPORT TEMPLATE 2011

Please note that this template has been updated based on feedback from a number of Corporations during the recent review of regulations. It is not compulsory for you to use this Public Report template. You may wish to continue to use the previous template, or you may report in another format of your choice. Either is acceptable provided you report all the information required by the EEO Act and Regulations.

There is an explanatory document at pages 5-14 of this template that fully explains how to complete it. There is also some targeted guidance on the template itself.

### Part 1 - Corporation Details

#### Controlling Corporation

#### Period to which this report relates

Insert the name of the Controlling Corporation exactly as it is registered with the EEO Program. The period to which the report relates is the total period of participation up to 30 June prior to when the report is due.

Thornberry Holdings Pty Ltd  From  To

#### Table 1.1 - Major Changes to Corporate Group Structure or Operations

##### Table 1.1 – Major Changes to Corporate Group Structure or Operations

Thornberry Holdings Pty Ltd, trading as Bis Industries Ltd, is a leading provider of logistical support solutions to the resource sector, the steel sector and their related industries together with providing logistics solutions to selected industries in Australia.

On 1 December 2010, Bis Industries finalised the acquisition of the Gulf Group of companies. Both companies are structured around the same business model and utilise specialised equipment.

The Gulf Group's geographical spread across Western Australia and in particular the Northern Territory created entry into new markets for Bis Industries.

Bis Industries energy use covers 63 sites across Australia and in October 2011, the business was restructured into three geographical divisions of :

- Western Australia/Northern Territory
- Queensland/New South Wales

- South Australia/Tasmania

**Table 1.2 – Aggregate energy assessed covered in this report**

<b>Total energy use covered by all assessments in this report</b>	<b>111,168</b>	<b>GJ</b>
<b>Total energy assessed as percentage of total energy use of the corporate group**</b>	<b>11.3</b>	<b>%</b>


\* If this report covers only part of the corporate group, than the percentage should be computed on the total energy use for that part of the group covered in this report

# Please note that corporations are required to assess 80% or more of their energy use in the first five-year assessment cycle and 90% or more in subsequent five-year assessment cycles. Accordingly, for those corporations with a 2005-06 trigger year (i.e. those corporations at the end of their first-five year assessment cycle), the value in "Percentage of corporation's energy use assessed" above, must be more than 80%.

**Declaration**

**Declaration of accuracy and compliance**

The information included in this report has been reviewed and noted by the board of directors and is to the best of my knowledge, correct and in accordance with the *Energy Efficiency Opportunities Act 2006* and *Energy Efficiency Opportunities Regulations 2006*.

	Insert Name and Title of Signatory here (Chair of the Board, CEO, or Managing Director) S. M. Mass CEO
Date 14/12/11	

## Part 2 - Assessment Outcomes

### Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

#### Name of group member or business unit or key activity

Logistics – Muchea operations (Western Australia)

#### Total energy use in the last financial year

981,617	GJ
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#### Energy use assessed in this entity as a percentage of total entity energy use\*

11.3	%
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#### Energy use assessed in this entity as a percentage of total corporate energy use

11.3	%
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#### Accuracy of above estimates related to energy use assessed - only required if not ±5% or better

N/A	%
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#### Period over which assessment was undertaken

1/7/2010		31/12/2010
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#### Description of the way in which the entity carried out its assessment

Bis Industries transport fuel consumption represented 97% of all energy reported under NGERs this financial year.

As per the Bis Industries Assessment and Reporting Schedule, the first assessment was carried out on the Bis Industries WA Logistics Muchea operations, which provides services to one of our key customers, Tiwest.

The Muchea operation is responsible for the haulage of mineral sands and associated products between the Cooljarloo Mine site to the Chandala processing plant (Muchea) and to Kwinana pigment plant for Tiwest.

A workshop was held with site operations personnel, senior management and support staff to identify opportunities for improving the key performance metric: litres of diesel / tonne. operating hour.

8 opportunities for identified for further investigation. 3 of these opportunities have commenced implementation with the other 5 opportunities to be investigated after assigning resources.

**A follow-up site visit and meeting was held to develop the fuel efficient driving program and tracking of improved fuel efficiency with the new prime movers purchased.**

\* Please note that, for individual sites that use more than 0.5PJ of energy, all energy use must be assessed (less a small proportion for non integral energy use).

**Table 2.2 - Energy efficiency opportunities identified in the assessment**

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

<b>Table 2.2 – Energy efficiency opportunities identified in the assessment</b>									
Status of opportunities identified to an accuracy of better than or equal to $\pm 30\%$	Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)	
		0 – < 2 years		2 – $\leq$ 4 years		> 4 years			
		No of Opps	GJ	No of Opps	GJ	No of Opps	GJ		
Business Response	Implemented								
	Implementation Commenced	3	3	5558					5558
	To be Implemented								
	Under Investigation								
Outcomes of assessment	Not to be Implemented								
	Total Identified								
<b>Status of opportunities identified to an accuracy of worse than <math>\pm 30\%</math></b>									
Business Response	Implemented								
	Implementation Commenced								
	To be Implemented								
	Under Investigation	5							
Outcomes of assessment	Not to be Implemented								
	Total Identified	5							

Please note that Corporate Groups are **not required** to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

**Table 2.3 - Details of significant opportunities identified in the assessment**

Corporate Groups are required to provide at least 3 examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

<b>Description of Opportunity</b>  A fuel efficiency driver training program will be implemented in conjunction with the replacement of the prime mover fleet at the WA Muchea Operations. The site has a dedicated trainer who will develop the program with assistance from the National Training resources and roll out the training as new prime movers are brought into service.	<b>Voluntary Information</b>	
	Business Response	Implementing
	Energy saved (GJ)	
	Greenhouse gas abated (CO2-e)	
	\$s saved	
Payback period		
<b>Description of Opportunity</b>  The specification of new equipment at the Muchea business to include improvements in fuel efficiency was identified as an opportunity and was considered when purchasing 6 new prime movers for the business. The prime movers will be replaced progressively through December 2011 and January 2012.	<b>Voluntary Information</b>	
	Business Response	Implementing
	Energy saved (GJ)	
	Greenhouse gas abated (CO2-e)	
	\$s saved	
Payback period		
<b>Description of Opportunity</b>  To investigate and implement tyre management practices to improve fuel efficiency within the load and haul fleet, focusing on <ul style="list-style-type: none"> <li>• Tyre pressure</li> <li>• Tyre condition/replacement</li> <li>• Tyre alignment</li> <li>• Tyre composition</li> <li>• Use of inhibitors</li> </ul>	<b>Voluntary Information</b>	
	Business Response	Investigating
	Energy saved (GJ)	
	Greenhouse gas abated (CO2-e)	
	\$s saved	
Payback period		

Please note that the "Description of the Opportunity" above should include information on the specific nature and type of opportunity, as well as information on the type of equipment and/or process involved.