

PUBLIC REPORT TEMPLATE

Controlling Corporation

Vinidex Pty Ltd

Period to which this report relates

Start 1st July 08

End 30 June 09

Part 1 – Information on assessments completed to date

Table 1.1 – Description of the way in which the Corporate Group (or part of it) has carried out its assessments

The monthly manufacturing reports provide details and trends on energy usage, providing thus the information required to assess ongoing progress toward energy efficiency. Energy indicators including electricity consumption in kWh and LPG consumption per month.

Table 1.2 – Energy use assessed

Group member and/or business unit and/or key activity and/or site that has had an assessment completed by the end of this reporting period.	Period over which assessment was undertaken ¹	Energy use per annum in GJ ² in the current reporting year
Vinidex Pty Ltd	246 811 GJ	2.763 GJ per tonne of production
Total energy assessed	246 811 GJ	
Total energy use of the group in the current reporting year	246 811 GJ	
Total energy assessed expressed as a percentage of total current energy use	100%	

1. This should be the start and finish date (month and year) for the assessment (planned assessment dates were nominated in Table 3.1 of the approved ARS).
2. Energy Bandwidth may only be used if approved in the Assessment and Reporting Schedule.



Part 1 – Information on assessments completed to date (continued)

Table 1.3 – Accuracy of energy use data

Entity	% achieved	Reasons for not achieving data accuracy to within $\pm 5\%$
Vinidex Pty Ltd	1%	

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2A - New Assessments completed during the reporting period

Name of Group member or business unit or key activity or site: ___Vinidex Pty Ltd_____

Energy use of the entity during the current reporting period

246 811	GJ
---------	----

Table 2.1 – Opportunities assessed to an accuracy of ±30% or better

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment*	Total Identified	7	12,678			12,678
Business Response*	Under Investigation	2	1,275			1,275
	To be Implemented	1	150			150
	Implementation Commenced	2	10,161			10,161
	Implemented	1	1,091			1,091
	Not to be Implemented	1	1			1



Name of Group member or business unit or key activity or site: _____ Vinidex Pty Ltd _____

Energy use of the entity during the current reporting period

246 811	GJ
---------	----

Table 2.2 - Opportunities assessed to an accuracy of less than ±30%

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment	Total Identified	2	2,214			2,214
Business Response	Under Investigation	1	2,090			2,090
	To be Implemented					
	Implementation Commenced	1	124			124
	Implemented					
	Not to be Implemented					

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2B - Update of assessments originally reported in previous reporting periods

Name of Group member or business unit or key activity or site: _____ Vinindex Pty Ltd _____

Energy use of the entity during the current reporting period

246 811

GJ

Table 2.3 - Opportunities assessed to an accuracy of $\pm 30\%$ or better

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment*	Total Identified	5 (5)	26,385 (nil)	3,349 (nil)	nil (nil)	29,734 (29,735)
	Business Response*					
	Under Investigation	nil (1)	nil (nil)	nil (1)	nil (nil)	Nil (0.77)
	To be Implemented	nil (nil)	nil (nil)	nil (nil)	nil (nil)	Nil (nil)
	Implementation Commenced	1 (2)	5,000 (nil)	3,349 (2)	nil (nil)	8,349 (8,349)
	Implemented	3 (2)	21,385 (nil)	nil (2)	nil (nil)	21,385 (20,294)
	Not to be Implemented	1 (nil)	nil (nil)	nil (nil)	nil (nil)	nil (nil)



Name of Group member or business unit or key activity or site: _____

Energy use of the entity during the current reporting period

	GJ
--	----

Table 2.4 - Opportunities assessed to an accuracy of less than $\pm 30\%$

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment*	Total Identified					
Business Response*	Under Investigation					
	To be Implemented					
	Implementation Commenced					
	Implemented					
	Not to be Implemented					

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2C - Details of at least three significant opportunities found through EEO assessments

Table 2.5 – Description of 3 significant opportunities

Opportunity 1

Efficiency of Top 10 Fittings

A program has commenced in our Moulding Operations to improve production efficiency of the highest volume fittings. The program includes modification of tooling, trialing and testing new temperature profiles, process conditions, flow rates and optimising cycle time to ensure quality is not affected by the changes.

In doing so, the efficiency of the plant will be improved, producing the same amount of fittings with less energy consumption. Anticipated to reduce energy by about 1000 GJ.

Opportunity 2

Extrusion Scrap Reduction over 0-<4 years

A program has commenced throughout our Extrusion operations to improve production related processes and equipment to reduce our scrap level. The program includes better maintenance, pre-start checks, planning skills and cultural changes and process control systems to achieve the goal.

In doing so, the efficiency of the plant will be improved, producing the same amount of pipe products with less energy consumption. Anticipated to reduce energy by approximately 8,350 GJ.

Opportunity 3

Nesting of pipe products for interstate road transport from our Wagga Plant 0-<2 years

A program has commenced at our PP plant to nest smaller pipes inside larger pipes to reduce the interstate road transport costs and CO2 foot print.

The reduction in transport emissions is calculated as 1,812 GJ.

Opportunity 4



Part 3 - Voluntary Contextual Information

Table 3.1 – Contextual Information

--

Table 3.2 – Energy use expressed in Greenhouse Gas emissions and as an energy use indicator

Period of energy use _____ to _____

Name of group member/ business unit/ key activity/site	Energy use pa (GJ)	Energy use pa (GGE)	Energy use as an indicator*
Total			

Table 3.3 - Opportunities assessed to an accuracy of ±30% or better (\$ value)


Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (\$)			Total estimated energy savings per annum (\$)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment*	Total Identified					
Business Response*	Under Investigation					
	To be Implemented					
	Implementation Commenced					
	Implemented					
	Not to be Implemented					



Part 3 - Voluntary Contextual Information (continued)

Table 3.4 – Changes in energy use as an indicator			
Name of group member/ business unit/ key activity/site	Current energy use as an indicator	Previous energy use as an indicator	Reasons for change
Total			

Part 4 - Declaration

Table 4.1 - Declaration of accuracy and compliance (mandatory information)	
<p>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 <i>Energy Efficiency Opportunities Act 2006</i> and <i>Energy Efficiency Opportunities Regulations 2006</i>.</p>	
	<p>Insert Title of Signatory here CEO</p>