

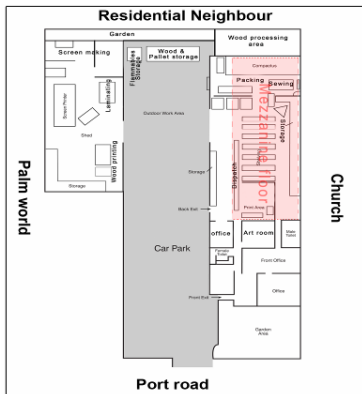
Environmental Statement 2007

Preamble:

Now in its 32nd year of operation as a printer, Carthew Corporation Pty Ltd continues to deliver specialised printing services and has also created a hand full of businesses relying on Carthew's expertise as a manufacturing printer to create products ranging from chessboards to bar mats to souvenirs. Those businesses include; Roadsign Australia, Pink Turtle, The Bar Runner Co, Earth Connections and Espace Deco and Print. Distribution is via both traditional networks and on-line marketing. The business has customers and suppliers locally and globally.

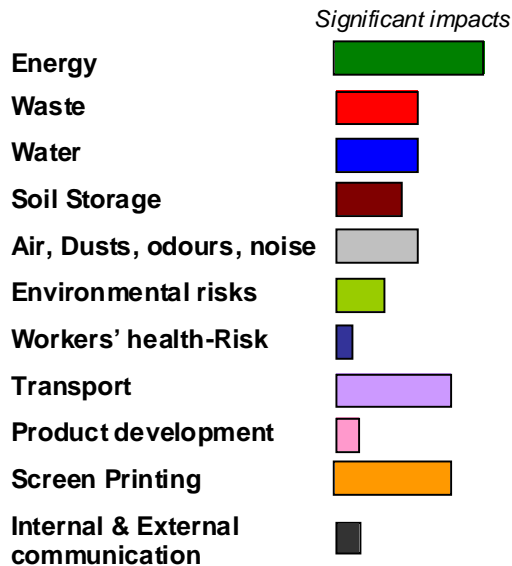
Our environmental management system is participative and relies on the co-operation of all team members. It makes extensive use of ecomapping and associated methodologies to create an ISO 14001 compliant system. Overall responsibility for the EMS rests with the environmental manager. Through use of this EMS we understand and monitor our impacts, reduce those impacts and take corrective actions should events require. Our EMS is used as a tool for business improvement not just with regard to our environmental impacts but also for understanding our economic and social performance, all in parallel. The system is one that facilitates continual improvement.

Our external reporting is managed at <http://www.carthew.com.au/enviro/reports.htm> and further information may be obtained from the company.



Name of the company	Carthew Corporation Pty Ltd
Business commencement	Sept 1976
Contact person	Roger Carthew
E-mail	info@carthew.com.au
Registered office	679 Port Road, Woodville Park SA 5011
Place of business	Adelaide, South Australia
Tel	08 8268 7099
Fax	08 8268 8799
Website	www.carthew.com.au
A.B.N No.	84 171 039 429
Turnover (AUD)	\$1,003,000
Average number of employees/year	15
Surface in m2	950m2
Activity sector	Manufacturing Printer
Size	<input type="checkbox"/> small-scale <input checked="" type="checkbox"/> industry <input checked="" type="checkbox"/> services
Type of urban area	<input checked="" type="checkbox"/> mixed <input type="checkbox"/> residential <input type="checkbox"/> industrial

Environmental actions prioritised



Environmental strategic objectives from 01/2007 until 12/2007

- 1/ **To reduce landfill waste by 50%**
- 2/ **To reduce energy consumption by 20%**
- 3/ **Clean out sump and keep contaminated water from entering soil**
- 4/ **Reduce exposure/use of solvents & solvent based ink**
- 5/ **minimise noise & dust emissions to air**
- 6/ **remove/recycle unwanted pallets**
- 7/ **Increase recycling of solid wastes to 80% of all waste**
- 8/ **Purchase flammables cupboard & label solvents according to correct standards**
- 9/ **Compliance for Bunding of chemical rums**
- 10/ **Emergency & first aid procedures in place (signage)**
- 11/ **Regular testing of appliances**
- 12/ **HAZCHEM labelling & safe storage locked fire proof Cupboard**
- 13/ **reduce CO2 emissions by 10%**
- 14/ **Investigate options to improve product design & composition**
- 15/ **Reduce quantity of packaging / \$ turnover by 20**
- 16/ **Engage environmentally aware subcontractors where possible**

*The Environmental actions and objectives information has been taken directly from our ecomaps and Flipo

Note: The Significant impacts colour key above is relevant throughout the entire document

Signature














Date 4/4/08

Next Statement March 2009

Main Achievements for 2006 – 2007

- | | |
|--|--|
| <ul style="list-style-type: none"> 1/ obtained MSDS's for all chemicals 2/ Post up roster for cleaning via everyone's enviro licence 3/ Investigated where sump drains too 4/ more environmentally friendly way of cleaning screens 5/ reduced timber stock & redesigned the woodwork area 6/ labelled waste inks & moved to flammables shed 7/ pipe for screen plumbing has been fixed early Jan 8/ Installed bunded area around the screen cleaning vicinity | <ul style="list-style-type: none"> 9/ Reviewed solvent usage via a spreadsheet record 10/ Energy audit via invoices Anna updating all of the material flows changed to Green energy supply 11/ established a repository of enviro info & data 12/ Identified waste streams and developed standardised coded bins for correct management 13/ revised/updated the spill kit & operational control 14/ signs were installed around the factory 15/ A lot of the cables were reworked and lifted off the floor 16/ Solar panels were installed |
|--|--|

Environmental Performance Indicators - Results

Resources used	2006	2007
Electricity Use in Kwh (Jan to Dec)	<ul style="list-style-type: none"> • Normal: 42,279 Kwh • Solar: 0 Kwh 	<ul style="list-style-type: none"> • Normal: 13,881 Kwh (until May 2007) • Green: 26,813 Kwh (since May 2007) • Solar (self generated): 3,418 Kwh (since May 07)
 → Only green electricity from May 2007 (12% is self generated electricity)		
Water Use in KL (Jan to Dec)	• 889 KL	• 968 KL
 → Water consumption increased by 8.9%		
Waste in m³ (Jan to Dec)	<ul style="list-style-type: none"> • Landfill: 42 m³ • Plastic Recycling: 0 m³ • Paper Recycling: 0 m³ 	<ul style="list-style-type: none"> • Landfill: 48 m³ • Plastic Recycling: 18 m³ • Paper Recycling: 30 m³
  → Waste volume (landfill) increased by 14.3% → Recycling since January 2007		
CO₂ emissions in kg (Jan to Dec)	• Electricity: 18,180 kg	• Electricity: 7,671 kg
 → CO ₂ Emissions for Electricity decreased by 58%		
CO₂ emissions in kg (Jan to Dec)	• Travels: 106,507 kg	• Travels: 81,933 kg
 → CO ₂ Emissions for Travels decreased by 23.1%		
CO₂ emissions in kg (Jan to Dec)	• Goods Out: 333,871 kg	• Goods Out: 376,415 kg
 → CO ₂ Emissions for Goods Out increased by 11%		
Environmental management indicators	2006	2007
Number of environmental actions (Jan to Dec)	• 0	• 16
 → Only began the setting up of our EMS in Dec 2006		
External communication towards clients & suppliers	• 0	• 8 distributors, Surrounding neighbours all clients and contractors
 → All external contacts are informed of our environmental requirements		
Staff training	• 0	• 4 sessions A total of 5 hours training
 → Training is an ongoing process		
Quick Checks	• 0	• 55 quick check completed
 → Quick checks are conducted weekly		
EMS Audits	• 0	• 1
 → Internal Audits should be done conducted quarterly		
Social Indicators	2006	2007
Social Initiatives in \$ (Jan to Dec)	<ul style="list-style-type: none"> • Roadsign Care: \$10,908.50 • Enviro Work: \$44,280.75 	<ul style="list-style-type: none"> • Roadsign Care: \$13,508.75 • Environmental Work: \$89,157.49
 → Social Initiatives increased by 86%		

Environmental targets for 2008

Our environmental targets for 2008 are currently being established and will be available as soon as possible.

Signature



Date 4/4/08

Next Statement March 2009