



CAMBRIAN PRINTERS
ENVIRONMENTAL
STATEMENT
2009



introduction to EMAS

In working towards Eco-Management and Audit Scheme, commonly known as EMAS Cambrian Printers Ltd, Aberystwyth issue this Environmental Statement 2009.

EMAS has been established to improve the quality of environmental management throughout European industry, to help companies to gain a competitive advantage from these improvements and to communicate their progress to the general public.

This environmental statement has been compiled to comply with the requirements of EC Regulation No. 761/2001 of the European Parliament and the Council of 19 March 2001.

mission statement

“The Environment and Quality, hand-in-hand, represents sustainability in production, procurement and policy”

foreword from the managing director

Cambrian Printers moved into its new premises in Llanbadarn on the outskirts of Aberystwyth over ten years ago and continue to expand on this site. The Company believes that, if not controlled carefully, printing can be an extremely wasteful process. Cambrian Printers is committed to limiting the impact of the print and related processes on the environment. Less wastage makes good business sense, it is achieved by using technology to promote savings on materials, resources and time.

product portfolio

The majority of Cambrian Printers’ work is lithographic printing of commercial brochures, academic journals and high quality catalogues. The Company operates a 10 colour B1 KBA perfecter which is one of the most advanced sheet-fed presses in the world. It joins

*Environment and Quality
hand-in-hand*



a fully equipped Finishing Department which includes, folding, perfect binding, saddle stitching, collating, sewing and mailing.

Cambrian Printers installed a HP Indigo 5000 press as part of a major upgrade of its digital capability. Our new, six-colour, Indigo digital press joins an existing mono digital press to provide short run and variable data colour print, as well as proofs and products for market testing.

company profile

Established in 1860 - Cambrian Printers is a family owned business that prides itself on high quality service and technical excellence making us the printer of choice for a number of the worlds top publishers of journals and books, magazines, catalogues and digital print-on-demand products. The fourth generation of the Read family now own the business which was originally founded by Sir John Gibson.

site activities

The Company's premises are situated on a small industrial site within the Aberystwyth suburb of Llanbadarn. The Cambrian railway line and the river Rheidol, which flows into Cardigan Bay, lie approximately ¼ mile to the south. The site was previously used as a clothing factory, bowling alley and furniture warehouse. Cambrian Printers has extended the property to the rear with a 2 story connecting block and have purchased additional warehouse space with access from the Company's yard. Compacting on site is in operation under an exemption notice. There is no record or history of land contamination.

The Company employs over 75 people in a variety of production, administration and sales operations. Our main raw materials are paper, ink and aluminium plates. A range of volatile organic chemicals are used in production and for cleaning production equipment in compliance with CoSHH regulations.



continual improvement

In accordance with our commitment to prevent pollution and reduce the impact of our activities on the environment, we have a programme of continual improvement. Every year management sets objectives and targets for achievement. The broad basis of our objectives are:

- To increase waste separation and reduce landfill waste.
- To improve the efficiency of electrical energy.
- To reduce packaging.
- To increase/maintain levels of FSC paper usage.
- To improve communication of environmental issues to our staff and stakeholders.
- To reduce usage of solvents and chemicals.
- To be creative and innovative in our approach to environmental solutions.

environmental policy

Our aim is to achieve customer satisfaction through fulfilling our stakeholders' requirements first time, every time. In all our activities, we will continually work towards reducing our impact on the environment and improvement of our products and services, by:

- Compliance with all legislation relevant to our business.
- Training staff in the importance of environmental awareness.
- Measurement and regular review of our materials and energy usage.
- Commitment to reduction of the pollution hazard and emissions from site operations.
- Reduction of energy wastage.
- Continued compliance with environmental standards.
- Continual improvement of the effectiveness of our processes.
- Continuing controlled growth as a family-owned business on a single site in Aberystwyth.
- Continually enhancing and developing our expertise and competency to ensure we maintain a position at the forefront of professional excellence within the industry.
- Continuing investment in machinery and systems to maintain a competitive advantage in our chosen markets.



The policy will be implemented by incorporating quality and environmental awareness into the day-to-day running of our business and by active participation of staff in all such projects. Objectives and targets for improvement will be set and reviewed by management at least once a year. Evaluation has identified raw material usage, waste to landfill and energy usage as key environmental issues in need of monitoring. Evaluation of compliance with legislation is maintained through regular audits and reviews. Records and monitoring data will continue to be updated and retained for inspection. All employees are committed to provide quality of service, meet legal obligations and ensure the protection of the environment. This policy will be communicated to all staff and reviewed on a regular basis. The policy will be made available on the Company website.

Authorised by

R. H. Read

Robert Read

Managing Director

environmental integrated management system

The Company has established and maintains programme(s) and procedures for periodic management system audits to be carried out, in order to determine whether or not the management system:

- Conforms to planned arrangements for environmental management.
- Has been properly implemented and maintained.
- Has provided necessary and appropriate information on the results of audits to the management group.

The Company's audit programme and schedule, is based on the importance of the activity concerned and the results of previous audits. In order to be comprehensive, the audit procedures cover the audit scope, frequency and methodologies, as well as the responsibilities and requirements for conducting audits and reporting results.



Annual Environmental Data

| Data | 2009 | 2008 | 2007 | 2006 |
|---|---------|---------|---------|--------------|
| Tonnes of CO2 per tonne of paper processed | 0.27 | 0.30 | 0.31 | 0.32 |
| Cubic metres of water used* | 844 | 1,300 | 1,080 | 858 |
| Litres of hazardous waste sent for treatment | 26,946 | 53,735 | 49,325 | Not recorded |
| Litres of wastes sent to landfill** | 195,800 | 180,400 | 160,600 | 169,400 |
| Tonnes of ink purchased | 21.99 | 19.33 | 12.95 | 10.35 |
| Tonnes of aluminium plates sent for recycling | 49,825 | 45,838 | 44,549 | Not recorded |
| Consumption in litres of heating oil*** | 0 | 8,000 | 9,000 | 10,000 |
| Consumption in kWh of natural gas for heating | 303,533 | 304,412 | 388,344 | 303,312 |
| Tonnes of solvent purchased**** | 9.5 | 14.25 | 20 | 15 |
| Mileage of company vehicles***** | 142,661 | 97,601 | 77,203 | Not recorded |
| Number of environmental complaints | 0 | 1 | 0 | 0 |
| Percentage of FSC paper processed | 74.8% | 57% | 13.2% | 4.4% |
| Tonnes of paper processed | 2971 | 2787 | 2450 | 2114 |

- * Reduction in water use is the result of improved water saving procedures and more efficient equipment.
- ** The reason for the increase in landfill is due to increased numbers of staff working more hours as the Company has become more productive. The Company will be working with Envirowise to bring this figure back to 2006 levels.
- *** Heating oil no longer used.
- **** Radical review of solvents purchased/used and IPA free on all presses since June 2009.
- ***** 2009 figure now includes mileage in private cars on company business. It was a conscious decision to batch deliveries and use company vehicles more, rather than couriers, this was only possible due to improved efficiencies in production.

Please see Integrated Review

(<http://www.cambrian-printers.co.uk/pdfs/integratedmanage08.pdf>) for supporting evidence and background material.

**Reduce, Reuse,
Recycle**



responsible paper purchasing policy

Cambrian Printers has a commitment to responsible purchasing of paper products. It is our aim to source all paper from legal, credibly certified sources and to increase the percentage of recycled material in the paper products we sell. To achieve these aims, we will:

- Communicate this policy to our paper suppliers.
- Expect and require our suppliers to abide by all local, regional, national and international laws.
- Scrutinise suppliers and request information on the source of the paper they supply.
- Evaluate this information in the context of Cambrian Printers' policy and seek to eliminate suppliers who refuse to support this purchasing policy.
- Encourage our suppliers to do the same with regard to their own suppliers.
- Where requested, provide information on the source of paper products to our customers.
- Aim to continuously increase the amount of paper which comes from credible, certified forests, through FSC (Forest Stewardship Council) and PEFC (Programme for the Endorsement of Forest Certification) Chain of Custody accreditation.

We aim to work with key stakeholders to ensure that best practice is followed. Cambrian Printers will not purchase paper or paper products which originate from:

- Forests or paper manufacturers which do not abide by all legislation relevant to their business.
- Protected areas, or forests which are recognised as having high conservation values.
- Forests which are being inappropriately converted to other land uses.

We recognise and acknowledge Timber Assurance Schemes as assessed and approved by Defra and the Central Point of Expertise.

*Sustainable solutions
to Commercial problems*



environmental impact

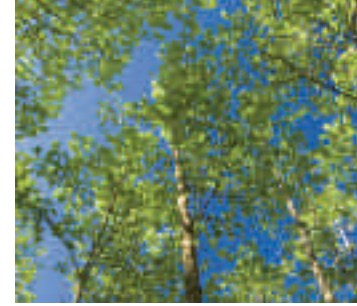
Environmental impact is assessed and re-assessed using a risk assessment system of quantitative risk. Each area of environmental concern is assessed to analyse the actual and potential impact that the Company's activities are having at the local and global levels. Training, initiatives and projects are featured in the relevant response to the identified risks; the priority of the response is determined by a scoring system designed to highlight the greatest need for action. These actions are targeted through measurable objectives and a timetabled action plan. A senior manager is responsible for the objective.

management review

A Senior Management Group Review is held annually in November to ensure the continuing suitability, adequacy and effectiveness of Integrated Management System and procedures. The management review process ensures that the necessary information is collected to allow management to carry out this evaluation. The review is documented. The management review also addresses the possible need for changes to policy, objectives and other elements of the Integrated Management System in the light of audit results, changing circumstances and the commitment to continual improvement.

cambridgian printers recycling policy

Cambrian Printers are committed to protecting and improving the environment by recycling commonly used materials such as plastic, aluminium printing plates and cans, mixed paper and cardboard, as well as materials classed as hazardous under the Hazardous Waste Regulations 2005. It is the policy of the Company to adopt such practices of reduction, reuse, recycling and recovery wherever financially and logistically feasible and to endeavour, progressively, to improve the Company's capabilities in this respect. A comprehensive segregation and recycling system is in place throughout the site.



The Company is committed to only contracting with appropriately registered and/or licensed waste transfer partners and accepts and acknowledges its responsibilities as an Environmental Agency registered waste producer. This policy is intended to aid compliance with the Pre-treatment Regulations 2007.

The goals of this action policy shall be to:

- Preserve resources, minimise waste and reduce the impact on the environment.
- Investigate ways of re-using waste in one form or another.
- Reduce the percentage of company waste consigned to landfill.
- Stimulate the interest of all employees in the importance of sound environmental and recycling practices and to encourage their full participation.
- Reduce the amount of non-recyclable/reusable waste produced by the Company, thereby reducing the negative environmental impact of our Company while reducing costs.
- Separate waste out into its constituent parts for recycling.

These goals can be achieved with the co-operation of all the Company's employees and stakeholders.

environmental aspects

The Company has established and will maintain procedure(s) to identify the environmental aspects of its activities, products or services that it can control and over which it can be expected to have an influence, in order to determine those which have or can have significant impacts on the environment. Cambrian Printers shall ensure that the aspects related to these significant impacts are considered when setting its environmental objectives. The Company shall keep this information up-to-date.

Management will review these evaluations when major changes are made to processes or equipment, or at least annually. In assessing aspects, consideration has been given to normal and abnormal operations and potential emergency conditions. A scoring system has been developed to prioritise impacts.



The Company has incorporated procedures based on recommendations by Envirowise when assessing the significance of its aspects. We have carried out the following steps in our environmental assessment:

1. We have reviewed the processes which are either directly or indirectly affected by the Company's activities.
2. We have consulted with selected organisations and groups and propose to hold further consultations in future.
3. We have reviewed the possible environmental effects resulting from each of the activities carried out during normal and other conditions during operation, maintenance and de-commissioning.
4. We have made an assessment of the likely consequences and environmental effects of the Company's activities.

measurement of environmental performance

Within our Integrated Management System we measure those aspects which provide us with important indicators of environmental performance. In the main these will be ongoing measurements of usage, utilisation or production. In many areas, where appropriate we compare figures/levels based on tonnes of paper processed.

biodiversity policy

All aspects of the Company's operations, from the way in which we manage our organisation such as purchasing, facilities management, travel plans, maintenance; to our printing processes including plans and policies, all have an impact on biodiversity. Cambrian Printers Biodiversity Policy reflects our recognition of this concept by:

- Assessing the impacts that our operations and activities (direct and indirect) have on biodiversity.
- Seek to conserve and where possible enhance local biodiversity through the implementation of our statutory functions.
- Meet and where possible exceed the requirements set out in the applicable biodiversity legislation and regulations.



- Aim to implement a purchasing policy that favours those products and services that have the least impact on biodiversity.
- Aim to implement a purchasing policy that favours those suppliers that take biodiversity into consideration in the way they conduct their services.
- Seek similar standards and principles towards biodiversity conservation from all third parties involved with our business - suppliers, providers and contractors.
- Endeavour to support projects and programmes that contribute to the conservation of biodiversity.
- Include a consideration of the impacts on biodiversity in investment decisions that we make.
- Engage with the local community and other stakeholders as far as is possible in connection with biodiversity conservation.

In practical terms the following projects have been highlighted;

- Gardening Initiative - to encourage local wildlife.
- Wormery - for compostable canteen waste and reduction in waste to landfill.
- Cycling Initiative - to promote and support cycling as an eco-friendly form of transport.
- Energy Efficiencies - savings in CO2 emissions.
- Recycling and Waste Management - savings in landfill waste and pollution.
- Environmentally Friendly Driving Advice - issued to all staff to help reduce vehicle emission.
- IPA free printing - to promote a healthy working environment and reducing VOC emissions.

Locally and globally there are many different habitats and eco-systems supporting a diversity of species. Many are recognised as endangered, with some affording statutory protection, but all making their own contribution to the total biodiversity of the natural world. Cambrian Printers are committed to supporting a biodiverse environment.

*meeting the needs of today,
without compromising
the future*

accreditations & awards

ISO 14001 International Environmental Standard

ISO 9001 International Quality Standard

PEFC/FSC Chain of Custody Certified

Environmental Printer of the Year 2009 - Digital Printer Awards

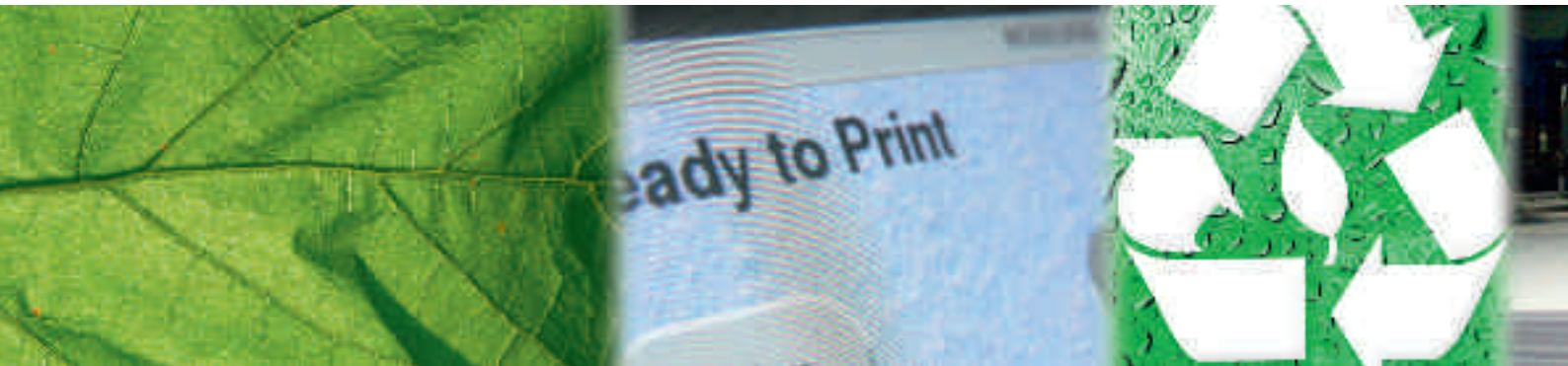
Small Business Recycler of the Year 2009 - National Recycling Awards

Environmental Printer - People in Print Awards 2009

Environmental Company - BPIF Excellence Awards 2009

Corporate Social Responsibility - BPIF Excellence Awards 2009

Environmental Printer of the Year 2009 - BAPC Awards



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