



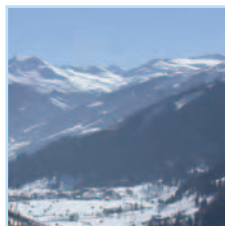
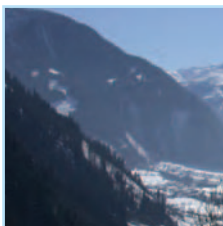
seacourt
cleaner design & print

environmental
statement

Third EMAS statement January 2005

Contents

Introduction to EMAS	1
Mission Statement	1
Foreword from the Managing Director	1
Environmental Policy	2
Company Profile	3
Product Portfolio	3
Site Activities	4
Significant Environmental Issues	5
Significant Environmental Data Comparison	6
Objectives and Targets	7
Environmental Management System	8
Continual Improvement	8
EMAS Declaration	9



Introduction to EMAS

The Council of the European Communities allows voluntary participation in a Community Eco-Management and Audit Scheme, commonly known as EMAS which should be available to all organisations having environmental impacts. This 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.

Mission Statement

“To provide the highest quality printed material, working to the most stringent environmental standards and to reduce both our and our client’s footprint on the planet. We believe it is imperative for all business to take some responsibility for the environment – to make a difference.”

Foreword from the Managing Director

According to printing industry sources, the industry is the 5th largest but the 4th dirtiest industry in the world! Our industry world-wide consumes enormous quantities of toxic and long-lived substances. We, like many other industries, have in the past generally taken this for granted since these products make our life easier. However, their use contributes to the greenhouse effect, ground-level ozone and acid rain. The industry is a major consumer of freshwater and chemical products as well as having a large hand in the use of forest resources.

It was with this in mind that in 1997, the directors of Seacourt decided that they had to do something to address this situation in their own way and since then, the environmental performance of Seacourt has become something of a crusade.

We ALL have to take responsibility for our actions and not leave it to the next person.

We, at Seacourt, decided not only to gain basic environmental certification for an existing print process, but to go further by changing the process itself to the least environmentally destructive offset printing process available – Waterless Offset.

But we haven’t stopped there. We have looked at every aspect of our operation and tried to clean it up as much as we can. This is an on-going process and this statement offers a view as to our successes. However, not everything goes to plan and when it doesn’t, it merely pushes us further to reduce our environmental footprint.

At Seacourt we are trying to demonstrate best practice towards the environment. It is to be hoped that others will copy our example and decide not on short-term gain, but on long-term survival.

Environmental Policy

At Seacourt we are committed to the prevention of pollution and reducing the impact of our printing activities on the environment. In order to strive towards meeting this commitment during the manufacture and delivery of our products and services we will:

- meet all necessary legislative, regulatory and consent requirements which relate to our business
- keep informed of environmental issues and, in particular, those which are of direct relevance to our business
- continue to raise the awareness of all our employees, the effect of their actions on, and their responsibility to the environment; by communication, discussion and training
- continue to have an open dialogue with customers, public and other interested parties about relevant environmental impacts
- minimise our environmental impact by the operation of suitable waste minimisation and recycling schemes
- manage our building and site in an environmentally sensitive manner
- make use of, wherever practicable, best environmental practice when planning and developing new and existing operations
- operate a thoughtful purchasing policy by selecting wherever practical, materials and services which are less damaging to the environment
- set environmental objectives and targets based on continual improvement, monitor results and review on a regular basis
- establish and maintain an Environmental Management System which continually reduces waste, effluent, emissions and the use of scarce resources.

Signed 

Managing Director

on 17 September 2004

Company Profile

Since 1946 Seacourt Ltd has been supplying quality design and colour print services to an expanding clientele of blue-chip companies. The company has gone from strength to strength and is still family owned. Seacourt has a staff of around twenty three people, many of whom have been with the company for well over a decade and one with over twenty five years' service. We encourage everyone to take a personal interest and pride in operating to the highest possible industry standards in terms of quality, safety and the environment. To this end, Seacourt works under an Environmental Management System and the company is also registered to ISO 14001. Criteria for assessing the significance of the environmental aspects of Seacourt's activities, products and services are available by request.



Seacourt is an active member of the British Printing Industries Federation and the Waterless Printing Association. It is also a member of the Corporate Environmental Responsibility Group (CERG) – a prestigious business forum established by the science foundation Earthwatch. More locally, the company belongs to the Oxfordshire Business Environmental Group.

In 2001, Seacourt was proud to become only the second printer in the world to be awarded "CarbonNeutral[®]" status and in 2004 the company became the first printer in the UK to be awarded the Wildlife Trust's Biodiversity Benchmark certificate.

Product Portfolio

Printed information comes in a variety of shapes and forms – simple but effective short-run leaflets and letterheads, high-volume product or event brochures, quality catalogues, booklets and prestige customer leaflets. The design and print of all these products are within Seacourt's remit.



The quality of these products speaks volumes about any company – it is one of the bases on which prospective customers will judge an organisation. Naturally, customers will expect the highest quality design and print, but they also demand

confidentiality and reliability, particularly in issues such as product launches and financial reporting. Work for central and local government also puts special demands on a printer – print must be high in quality but represent value for money as well as fulfilling the same needs for confidentiality and reliability.

All of these issues, quality, reliability, confidentiality and value for money are central to Seacourt's working practices.

Site Activities

Seacourt has operated from its current site for over 30 years. The company can be found in modern premises on the Horspath Industrial Estate at Cowley, Oxford, within easy reach of the Oxford ring road. Seacourt's freehold building covers some 775 square metres and is surrounded by other industrial units. This building houses all of the production equipment and goods storage on the ground floor, with sales and design offices and a customers' meeting room on the first floor.

The building is constructed partly of brick and blockwork with a steel portal frame, over which is laid profiled metal and plastic cladding to the roof and elevations.

The company has four production departments: creative, reproduction/platemaking, printing and print finishing.

Our creative facility was opened in August 2000 as a natural extension to our pre-press facilities. Customers' jobs now seamlessly pass from digital creation, through pre-press to print without risking configuration problems, a common complaint within the printing industry.

In the latter half of 2004, Seacourt invested in a state-of-the-art digital workflow and computer-to-plate system. This will have the benefit of not only producing very high quality work but also reducing the amount of waste being generated. As the system will eliminate the use of film and its associated processing chemistry, these additions will further reduce the company's effect on the environment.

Seacourt has placed itself at the forefront of printing technology. It was only the third printer in the UK to install Heidelberg's



Direct Imaging waterless press, the QM DI-46 and since then great strides have been taken to convert existing machines to waterless offset together with the installation of a dedicated waterless offset Komori 5-colour machine.

In the finishing department, a guillotine, folding machine, collating machine, binding machine and a range of finishing equipment complement the high quality print produced by the waterless offset technique.

Based on the classification of economic activities in the European Community, the NACE code of Seacourt's site is Section D: Manufacturing, Subsection DE 22.2 Printing and service activities related to printing.

Significant Environmental Issues

A cornerstone of our ISO 14001 Environmental Management System is our register of legislation. This is maintained to help the company to keep abreast of the environmental laws which apply to our operation. A register of aspects is also maintained of those activities, products and services in which we are engaged that have a significant impact or effect on the environment. The criteria developed to determine our significant aspects is available on request.

The printing industry uses a great deal of energy in the form of gas, electricity and vehicle fuel and also the natural resource of water. At Seacourt, we measure and monitor consumption, enabling management and control. Also, we encourage economical use, being fully conscious of contributions toward global warming and the depletion of natural resources. Paper is our essential raw material and we optimise its use, minimising waste and, where possible, select its source.



Our staff maintain close contact with our suppliers and are aware of any technical developments and advantages which may affect the environment. Whilst our customers usually specify the paper they require, we maintain a register of approved suppliers and try to work closely with them to minimise the effect we have on the depletion of the world's resources – we encourage the use of paper from sustainable forests which is manufactured without the use of chlorine.



Printing also uses much ink and organic solvent, and we try to minimise use and wastage whilst striving to reduce the related emissions which may be damaging to the atmosphere. To this end, we use our waterless presses and vegetable-oil based inks in order to reduce our VOC (Volatile Organic Compounds) emissions. Wherever possible, we adopt a programme of minimal use, re-use, substitution by renewable resources and recycling. Our health and safety arrangements also include controls to ensure the safe handling of materials which are flammable or considered hazardous to health. In the event of emergencies, we have written procedures in place.

Waste streams are also controlled, which is accomplished through a documented system of recycling and waste management. Our first priority is minimal use, control being exercised by the skills of our trained staff. Re-use, recycling and repair are the next priorities, with systems and procedures being overseen by our management. Finally, the treatment and/or disposal of waste is carried out in accordance with the legal requirements under the 1990 Environmental Protection Act. The treatment of our effluent is undertaken within the Consent to Discharge Trade Effluent which was issued to us by Thames Water Utilities and its effect is minimal and well within the levels of consent.

Our health and safety policy also includes the welfare of our staff and those working with us, and we are aware of and try to minimise any effect on our neighbours, such as noise, nuisance or smell.

Annual Significant Environmental Data

	1/3/00 - 28/2/01	1/3/01 - 28/2/02	1/3/02 - 28/2/03	1/3/03 - 29/2/04	Change between 1/3/00 - 28/2/01 & 1/3/03 - 29/2/04
WASTE PAPER FOR RECYCLING:	63 Tonnes	63.56 Tonnes	57.60 Tonnes	35.92 Tonnes	- 42.98%*
PAPER USED:	319 Tonnes	220 Tonnes	178.3 Tonnes	145 Tonnes	- 54.5%*
ALCOHOL FOR FOUNT SOLUTION:	500 Litres	175 Litres	150 Litres	150 Litres	- 70%*
CHEMICALS:	1544 Litres	1240 Litres	950 Litres	1055 Litres	- 31.67%
INK:	914 Kgs	1305.5 Kgs	1424.8 Kgs	1265 Kgs	+ 38.4%**
GAS CONSUMPTION:	25300 cu ft	23700 cu ft	27200 cu ft	25200 cu.ft	- 0.39%
ELECTRICITY CONSUMPTION:	138526 kw	138564 kw	137286 kw	121809 kw	- 12.07%
WATER CONSUMPTION:	590 cu m	518 cu m	894 cu m	713 cu m	+ 20.85%***
VEHICLE FUEL CONSUMPTION:	24504 Litres	20957 Litres	22482 Litres	21421 Litres	- 12.58%****
DRY WASTE TO LANDFILL:	312 Bins	312 Bins	312 Bins	312 Bins	=
SPECIAL WASTE FOR TREATMENT:	5180 Litres	4285 Litres	2405 Litres	2970 Litres] - 22.87%*****
SPECIAL WASTE – INK TINS:	(incl. above)	(incl. above)	1435 Kgs	1025 Kgs	
ALUMINIUM PRINT PLATES FOR RECYCLING:	0.669 Tonnes	0.492 Tonnes	0.598 Tonnes	1.560 Tonnes	+ 133%
PRINT WIPES FOR TREATMENT:	14100	15000	15300	12600	- 10.64%
EXTERNAL COMPLAINTS AND LEGAL ACTIONS:	0	0	0	0	=
LOST TIME DUE TO ACCIDENTS:	0	0	0	0	=
T/OVER		-15.63%†	-19.52%†	-9.81%†	-38.76%

As can be seen from the above data, in most categories we have managed to reduce our consumption. However, there are two areas which have risen and require some explanation.

* There has been a dramatic reduction in the paper and alcohol used and waste paper produced during the last 3 years. The printing trade generally has been enduring the worst recession in many people's memory. This, coupled with the worldwide effect of 9/11, has resulted in a decrease in turnover of nearly 40%. However, figures for 2004/5 indicate a rise in turnover once again although nothing can be taken for granted as world events tend to have an inordinate effect on the industry. The reduction in alcohol of 70%, however, is in part due to the reduction in turnover but is mostly due to the fact that Seacourt has almost entirely converted to waterless printing which does not require the use of alcohol.

** Ink consumption appears to have risen by a large amount. However, the figures now contain sealants and varnishes that were not included in 2001.

*** The consumption of water has risen by a large amount. There were 2 reasons for this. Firstly, the automatic water saving flush in the gent's urinal failed. This wasn't noticed until it was heard one evening when everything was silent. This was exacerbated by a hidden leak which did not become apparent for some months and then took a long time to find! It was eventually traced to a leak at the bottom of a cavity wall. However, current figures show a large reduction in water consumption.

**** Consumption of fuel has decreased by 12.58%. However, it should be noted that we have changed 3 cars in our fleet to LPG. LPG has a lower calorific value than diesel and therefore, uses more litres for the same amount of miles. However, it is generally acknowledged that LPG is a "cleaner" fuel than diesel.

***** This year we have split the Special Waste into fluids and solids (ink tins) as the measurement in litres was not appropriate.

† Illustrates year-on-year % change in turnover.

Objectives and Targets

The development of our long-term strategy to eliminate water and alcohol in our printing process continues with our commitment to the waterless printing process. At the same time, we continue to develop our expertise in the digital workflow which itself will ultimately reduce the quantities of materials and chemicals used. These developments also help to reduce the use of scarce resources. Each year, Seacourt sets a number of objectives and targets. Those achieved to date include:

- The installation of a waterless offset 5-colour machine;
- The installation of automatic devices to save water and electricity;
- The increased awareness amongst suppliers, customers, public authorities and the public.
This is an on-going objective;
- The improvement of Special Waste treatment – the recovered value of silver being passed on to a local young people's environmental group;
- The use of alternative power sources for vehicles;
- The use of vegetable-oil based inks;
- The removal of all Halon fire extinguishers and replacement with CO₂;
- The use of a toner cartridge recycling scheme;
- The changing of electricity supplier to one that uses an increasing proportion of renewable sources
i.e. wind power;
- The award of the Wildlife Trust's Biodiversity Benchmark certificate (the first printer in the UK);
- The reduction of landfill waste by 33%;



Environmental Management System



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.

In 2005, management have set the following objectives and targets for achievement:

- To continue to visit suppliers and sub-contractors to review their activities, discuss their policies and procedures and assess and influence their environmental performance;
- To commission and install a new pre-press workflow system to reduce waste from human error;
- To commission and install a new waterless computer-to-plate system to eliminate the need to use film and its associated chemistry;
- To investigate the possibility of organising the recycling of plastic waste;
- To investigate the quality and use of water-washable inks.

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EMAS declaration

This environmental Statement is the 3rd EMAS Statement following one validated on 18/12/01 and has been verified as a true record of the environmental performance of Seacourt Ltd in accordance with the requirements of Council Regulation (EC) No. 761/2001.

A new statement will be produced by December 2007.

Signed  Date 

Alan E Gower
Lead Environmental Verifier for and on behalf of BM TRADA Certification Ltd.
Stocking Lane, Hughenden Valley, High Wycombe, Bucks. HP14 4NR.
Accreditation Number: UK-V-00008



EC Eco Management and Audit Scheme

Seacourt Limited

This site has an environmental management system and its environmental performance is reported on to the public in accordance with the Community eco-management and audit scheme (Registration No. 000073)



Designed by Seacourt & printed by the environmental **Waterless Offset** process using vegetable-oil based inks on totally chlorine free paper using at least 75% post consumer waste. Seacourt Ltd holds ISO14001 and EMAS environmental certification and is a CarbonNeutral® company part powered by renewable energy.