



Second annual update to Environmental Statement 2007 for EMAS verification

Introduction

This is the second interim statement following publication of our Environmental Statement 2007, and 2008 update. It provides updated information on our activities in 2008 and the objectives and targets set for 2009. It has been collated following the structure of our original environmental statement.

Managing Director's Statement

2008 was a year of reward, after continuous development of our Environmental Management System we decided to enter various competitions hoping to receive recognition for our efforts. We were successful in winning the BAPC Environmental Printer of the Year, A Green Apple "Green Hero" award, and the BSI ISO14001 for SME's award.

We are particularly pleased that we have continued to improve and develop initiatives despite the tough economic climate. Our environmental performance indicators show we have taken small positive steps in many areas, such as electricity, landfill, and fuel consumption and a huge increase in the amount of FSC and recycled stocks purchased.

In July 2008 we invested in (with the help of a Carbon Trust interest free loan) PowerPerfactor equipment, it is designed to regulate the power supply, therefore reducing usage. Unfortunately with various teething problems, and replacement equipment required, plus the extremely cold winter and increased finishing activity the reduction is small per million impressions. We expect greater improvements during 2009.

This year we have used the Pure Trust calculator to work out our 2008 carbon emissions for the factory, and a donation has been made to offset these. The offset is for the works van, business miles, train travel, staff commuting and water used. We did not include electricity usage again this year as we purchase 100% natural renewable energy from Good Energy.

Our community projects continued helping local not-for-profit organisations and national charities. We feel EMAS has aided us to move forward yet again through all aspects of the company.

Phil Sudwell, Managing Director

Environmental Policy

Our Environmental Policy was reviewed and unchanged in 2008.

Site Activities, Products and Services, Legal Provisions

There was an increase in production on the digital and finishing side, but there were no significant changes to the range of site activities, products, processes and services.

During the year we re-registered our site with the Environment Agency under the Hazardous Waste Regulations. Our Premises Code Number is NOZ608.

There were no legal infringements in 2008, or has there been in previous years. No new laws introduced over the last 12 months have affected how Park Lane Press operate.



Significant Aspects and Impacts, Environmental Performance Indicators

	2008 Per million Impressions	2007 Per million Impressions	2006 Per million Impressions	
Sheets printed in millions	24.769	24.007	23.878	☺ note a.
Solvents used in litres	123	123	141	☹
Electricity in KWh	15,324	15,633	14490	☺
Water used in cubic meters	26.44	20.79	18.6	☺ note b.
Liquid hazardous waste in litres	5.81	18.4	0	☺ note c.
Waste ink in tonnes	0.053	0.064	0.061	☺
Ink used in tonnes	0.25	0.26	0.23	☹
Fuel used in litres	513	550	680	☺
Landfill in hectolitres	22.7	43.07	46.07	☺
Paper recycled in cubic metres	34.36	31.24	34.68	☺ note d.
% of paper bought from FSC or recycled sources	93%	62%	15%	☺
Isopropanol alcohol used 0 litres – Waterless print does not require this solvent				☺
Complaints	0	0	0	☺
Approximate 54CO ₂ tonnes, 2.18 CO ₂ t/mi calculated using Pure Trust Carbon calculator				note e. ☺

Notes:

- a) Our impressions have included the click count from our digital machine that takes a B3 sheet, the count for 2007 was 802,820, the equivalent of 401,410 B2 impressions, for 2008 1,846,561 = 923,281 B2 impressions. It also includes the count for the 2 colour press which no longer prints but creases through the Cito mechanism – the recorded impressions were 1,301,893 for 2007 and 1,419,260 for 2008. Points 4, 8, 9 and 10 have excluded the digital and cito impressions in the calculations of the data (21.504 million for 2008, 21.903m for 2007 and 23.587m for 2006) as those purchases/waste streams are not affected by the digital press, or cito operations. The adjustment creates a true analysis.
- b) **2007 figures: 95 CO₂ tonnes / 3.96 CO₂t/mi calculated by the Carbon Trust.** 2008 figures were calculated using The Pure Calculator which is based on site activities only, and as with 2007 figure we have excluded our electricity figure of 163t/co₂ as we still sourced it from Good Energy providing natural renewable sources. The numbers cannot be compared to last years due to differing methodology. This years calculations do include freight transport by works van, car transport, staff commute, water, home offices – 3 part time staff now work from home.
- c) Water shows an increase due to a leak discovered in June 08, the leak was fixed and usage will be greatly reduced next year, the first bill received after the leak was fixed is £1000 cheaper for a 6 month period.
- d) Liquid hazardous waste has been adjusted to take out our aqueous coater waste as it is not classed as hazardous waste and should never have been included in the first place.
- e) The increase of paper waste is from the higher volume of in-house finishing.



Environmental Management System (EMS) and Continual Improvement

During 2007/8 period our EMS was adapted to include a wider collection of data and development of community schemes, the last 12 months has been a settling in period for those changes. Following revised policies, procedures and targets has led to improvements in most areas.

Environmental Objectives And Targets Update

Electricity usage: We are aiming to reduce our usage by 10% (relative to production) by 2011.

Target: 13041 kwh/mi

2008: 15324 kwh/mi

Energy usage has gone down by 309 kwh per million impressions in comparison to 2007, but is still above the 2006 level, and the target of 13041 kwh /mi. This is due to the increased level of in-house finishing with a second folding machine. The folding machines activity rate are not currently recorded in the impressions calculation, but it does effect the electricity usage, we are looking at ways to address that.

Another major factor was the extremely cold winter, which prompted action to be taken with regards to changing the way the building is heated. We are reducing the reliance on electrical fan heaters in the really cold months for more efficient methods. Also the factory has been re-organised to reduce the amount of heating required.

Increase the amount of recycled and FSC approved papers purchased: Our target is to increase the tonnage bought by 75% by 2011 relative to production.

Target (revised 2007): 75%

2008: 93%

New 2009 target: 95%

Carbon emissions: We aim to find a way to monitor and record our Carbon emissions and look at ways to reduce our carbon footprint, and offset it by 2011.

We have used the Pure Trust calculator to monitor our site emissions, and offset. We are looking to invest in a calculator to offset actual emissions from individual jobs so clients have the option of offsetting.

Reduction of landfill waste: We are aiming to reduce the amount of waste that goes to landfill by 10% by 2011, relative to production.

Target: 10%

2008: 50%

New 2009 target: 60%

Reduce the environmental impact from transport: Our target is to reduce the amount of diesel used by 10% by 2011, relative to production.

Target: 10%

2008: 24%

New 2009 target: 24%*

*We have another sales representative and Libby has returned from maternity leave, therefore to improve upon this figure would be difficult.



Reduce the amount of products with a hazardous end life: We aim to reduce our hazardous waste by 10%, by 2011, relative to production.

	Waste Ink	Hazardous Liquid Goods	Plastic Containers	Ink tins
Target:	0.055 t/mi	0 l/mi	8.24 d/mi*	0.229 c/mi
2008:	0.053 t/mi	5.81 l/mi	9.859 d/mi*	0.233 c/mi

d/mi = drums per million impressions

Every other year we will have hazardous liquid waste as oil is changed from the machines and compressor liquid. The other waste streams we have shown improvements and are very nearly hitting our targets.

Support Activities and Indirect Effects

We remain certificated to the ISO 9001 Quality Management System, ISO 14001 Environmental Management System and Forest Stewardship Council (FSC) Chain of Custody and registered to EMAS.

Work with the local community continued with the supply of 8000 pads to the Samaritans to put in their Purse Shoe Box Appeal at Christmas, these were distributed throughout poorer Eastern European countries, we printed leaflets for the Southwick allotments plant sale and letterheads as well as donating pallets. We will maintain and hope to increase the activity with the local community during 2009.

We continued to offer advice and training to interested companies looking to develop their EMS, including Royal Bath and West Showground and The Real Adventure.

CONCLUSION

This is a summary of our activities in 2008 and we hope you enjoy reading about them. A full Environmental Statement is due for publication by April 2010. The late publication of the report was due to the publisher being on maternity leave, apologies.

Signed *AJ Thorpe*
24th June 2009

AJ Thorpe
EMAS Verifier

Date: 24th June 2009

On behalf of: SGS United Kingdom Ltd (EMAS accreditation number UK-V—0007)
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