

Integrated Environmental & Quality Report 2005

Environment

2005 proved to bring Environmental issues to the forefront of business activities.

The ever increasing charges for power demands in the form of electric and gas saw a big increase over the year. This has led to increase awareness of machinery power consumption and possible ways to minimise the use.

Waste and Hazardous Waste to landfill was also an issue over the year. The increase in landfill charges and transporting of the waste has had a significant input into further waste segregation and minimisation.

This had led to the formation of an Environmental Group to further pursue the options available.

Over 2005 J&A increased its overall recycling seeing the biggest increases in paper, cardboard & Polythene.

2004

Cardboard = 11315 kg

Mixed Paper = 3663 kg

Polythene = 475 kg

2005

Cardboard = 15515 kg

Mixed Paper = 5555 kg

Polythene = 487 kg

ELDC issued a new permit with new requirements. Extractive testing showed we are in compliance of this with the majority of the emissions well below the 100mg/NM3 limit set.

We now also perform Visual Emission testing on a weekly basis to monitor the emission to air.

External Audits

Completed by BSI, Integrated audits over 2 days with concerns raised over:

Temperatures in the containers

Stock control in Fastrac

Spill Team Formation – all of which are in the process of or have been rectified.

Environmental Targets (3 Year Plans)

Objectives: To reduce VOC Emissions

Target: To be below target emissions set by ELDC

Target achieved and well below the Target Emission figures.

Objectives: To reduce water consumption

Target: To be less than 2005 monitored levels

Water consumption levels were monitored throughout 2005. Comparisons can be made in 2006

Objective: Are the reed beds effective

Target: To use the reed beds more effectively

The reed beds were found to be ineffective and were taken offline in 2005. An alternative water purifying plant will be online in 2006.

Objective: To reduce overall waste

Target: Reduce waste to landfill

This target is hard to measure as the waste is now split into different disposal methods depending on the item being thrown away.

The amount to the waste compactor has reduced significantly over the year

2004 Waste to compactor – 82.5 tonnes

2005 Waste to compactor – 29.22 (with two loads to take to landfill approx 10 tonne each giving a total of 49.22 Tonnes)

This shows an approx reduction of 33.28 Tonnes over the year.

Dry waste collection we have had 24 collections approximately taking no more than 1 tonne away with each collection. A Total of 24 tonnes.

Overall approx total is 73.22 tonnes

A reduction of 9.28 tonne. – Target Achieved.

New objective for 2005

Objective: The successful introduction of a water purifying plant

Target: To improve the water content to the sewer.

Quality

2005 saw the introduction of DVD training for machinery and is an ongoing project to have DVD for each machine at J&A International.

A company wide Skills matrix was also produced, showing the skills over the whole company. This is going to be regularly updated.

Quality Targets (3 Year Plans)

Objective: To Reduce Reprints

Target: To reduce compared to previous year

Target achieved
2004 reprints & non-conformance errors = 6422
2005 reprints & non conformance errors = 4993

A reduction of 1429 reprints over the year.

Objective: Employee to follow systems in place
Target: To have barcoding, signatures completed

Signatures on job bags have significantly improved over the year. Barcoding could still be improved.

Objective: To have all equipment on PPM Schedule
Target: All machines on computerised system

Target Achieved – All machinery onto the PPM System

Objective: To have an approved suppliers list
Target: To have a vetted list of approved suppliers

Target Achieved - A Vetted approved suppliers list is in place.