



ENVIRONMENTAL PLAN 2009/10

This is the Environmental Plan with specific targets for Maxi Haulage Ltd for the year 2009/10.

The company has 3 sites which are formally registered to the Environmental Management Standard, ISO 14001. The remaining sites follow the same written procedures to ensure there is a consistent approach throughout the organisation.

1.0 FLEET FUEL CONSUMPTION

Fuel Consumption is monitored on a vehicle basis calculated and reported monthly. The information is currently issued and posted locally for information and used to target specific vehicles for poor levels of fuel consumption.

Company car fleet of approximately 25 cars is not currently monitored or reported on in relation to fuel consumption.

Comparison on a like for like basis is difficult when considering fuel consumption but if we consider the influx of new vehicles to the fleet in 2008/09 financial year which have replaced older inefficient vehicles then it is not unreasonable to target improvements as follows:-

TARGETS FOR 2009/10

- **Vans + 2% -currently 21.3MPG**
- **7.5T Rigid +1.5% -currently 16.8MPG**
- **18/26 T Rigid +2% - currently 11.7MPG**
- **Artics +1.5% -currently 8.1MPG**

ACTION

Trailer /unit gap-

Local Management to monitor that fifth wheels are correctly positioned for trailers.

Wind deflectors set correctly-

Fleet Engineer to organise on instruction from vehicle suppliers

Vehicle tick over policy-

Policy issued to drivers by Environmental Manager.

Newer vehicles to be set up by computer to comply with policy.

Continued training-

Drivers of vans to be targeted for SAFED training this year along with any drivers of larger vehicles who were not trained last year.

Fuel consumption figures used to identify problem vehicles and drivers targeted for training by Training Manager.

External training options investigated with vehicle manufacturers.

Commence program of NVQ Level 2 qualifications for drivers on LGV driving to include fuel efficiency modules.

Fleet monitoring-

Installation of Dynafleet vehicle monitoring system into 30% of the fleet during 2010 with subsequent management reporting systems implemented.

Company cars –

Monitoring of fuel consumption to be introduced and figures used in developing ongoing car replacement policy for the Company by Chairman.

UPDATE AT 30/6/10

- Dynafleet / FMS program now extended to 30 vehicles
- Vans- 22.1MPG
- 7.5T – 16.9MPG
- Rigids- 11.8MPG
- Artics- 8.4MPG
- NVQ qualification delivered to 40 drivers
- Chairman has produced analysis of car emissions to be considered in selection

2.0 WASTE REDUCTION

The Environmental Aspects Register compiled for the ISO 14001 system identifies in some detail the waste production within the organisation. This requires some review as a result of the closure of the Manchester workshop facility which was a major producer of waste.

Most aspects of “special wastes” have been related to the workshop operation and will now be generated by contractors rather than in house.

TARGETS FOR 2009/10

- **10% reduction from previous year on number of skips of waste generated for landfill.**

ACTION

Wood chipping of old pallets-

Investigate options for purchase and hire of equipment and operation of the system to make use of wooden pallets rather than send to landfill. - Environmental Manager

Compacting of waste-

Investigate feasibility of purchasing or hiring compacting equipment. This would involve collating all Company waste at one site. Project allocated to Environmental Manager.

Recycling

Identify recycling opportunities which reduce landfill requirements.

UPDATE AT 30/6/10

- Trial undertaken of compactor system- nothing cost effective yet identified
- Pallets currently disposed of to recycling company

3.0 ENERGY AND RESOURCE USE

Other than the use of diesel in the vehicle fleet and gas in the forklifts the significant use of energy is electricity and gas at sites for heating and lighting.

Calculations of electrical use at sites for 2007/08 identified 823,000 KWh of electricity which is equivalent to 329 Tonnes of CO₂ emissions.

Calculations of gas consumption used for heating at sites for 2007/08 identified 1,134,610 KWh of gas consumption which is equivalent to 227 Tonnes of CO₂ emissions.

Calculations of paper use in 2005/06 identified 1800 reams of A4 paper and 1200 boxes of printer and consignment paper used each year. This is equivalent to 96 trees.

TARGETS FOR 2009/10

- **Reduction of annual electrical use by 5% equivalent to 16 Tonnes of CO₂**
- **Reduction of annual gas heating by 5% equivalent to 11 Tonnes of CO₂**
- **Identify and quantify consumption of gas used by Company for forklift operations.**
- **Reduction of paper use by 5%. This is equivalent to 4 trees.**

ACTION

Timers /sensors on lights-

Identify valid lighting sources which would benefit from timers and sensors to be fitted. Project allocated to Chairman.

Labelling of light switches

Environmental Manager to supply labels for switches instructing to switch off when not in use.

Ship choice to be influenced by economy-

Carbon emissions identified for each shipping option and information supplied to operating staff to be considered in routing decisions. Project allocated to Managing Director.

Encourage car share/ bike use-

Provide bike parking facilities at sites and create awareness by Company Newsletter.

Double shift vehicles-

Increase double shifting to improve utilisation and requirements for vehicles. This may also improve fuel consumption due to keeping the engines warm.

Generate own power-

Project to be investigated by Chairman.

Low energy bulbs-

Replacement policy defined and implemented.

Warehouse heating /door closing

Local implementation by Depot Managers

Subcontractor issues of Policy and relevant procedures-

Company Policy and Procedures issue to main sub contractors by Environmental Manager to involve them in relevant parts of the process.

Heating policy for sites-

Inspection and maintenance of heating controls to be carried out at each site with guidelines issued to temperature levels.

Reduce printed material-

Project allocated to Management Accountant to investigate paper use, particularly of Traffic System at depots and identify and implement options to reduce consumption.

UPDATE AT 30/6/10

- Light switches labelled at all
- Shipping options Carbon Emissions identified for various shipping options
- Environmental Policy and procedures issued to sub contractors with some follow up auditing.
- It options currently being developed to reduce printed paper use in Traffic operation.
- Graduate Project planned for September 2010 with Keele University

4.0 RECYCLING

Currently recycling of paper at Irvine and Warwick Heathcote takes place in conjunction with local authorities.

Printer cartridges are returned to Irvine to be recycled .

TARGETS FOR 2009/10

- **All Company sites to participate in paper recycling scheme.**

ACTION

Waste paper recycling in offices-

Environmental Manager to organise all sites to participate in recycling schemes.

Printer cartridges

Formal written instructions to be issued by IT Manager on procedure for returning and recycling all printer cartridges.

UPDATE AT 30/6/10

- All major sites now recycling paper.
- Cartridges returned to head office and recycled

5.0 OTHER ISSUES

TARGETS FOR 2009/10

- **Communicate Environmental Policies to all staff and interested parties**
- **Training in specific environmental procedures for employees**
- **Substitution of air travel with rail / road for Company Management**
- **Identify carbon footprints of various UK/Ireland shipping routes in order to optimise routes taken.**

ACTION

Induction Training

Induction training at all sites to include modules on environmental procedures.

Instruction to Managers on travel arrangements

MD to instruct Managers as required.

MG
23rd JULY 2009.