



ENVIRONMENTAL OBJECTIVES & TARGETS

2011/12

This is the Environmental Plan with specific objectives targets for Maxi Haulage Ltd for the year 2011/12.

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 has traditionally been 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.

The ongoing project in collaboration with Volvo to install Dynafleet Telematics systems to the trucks has recently provided accurate real time fuel consumption figures.

Company car fleet of approximately 20 cars is not currently monitored or reported on in relation to fuel consumption. The Chairman has produced CO2 emission information to assist with selection of replacements.

TARGETS FOR 2011/12

- **Vans +2% -currently 22.8MPG**
- **7.5T Rigid +1.5% -currently 17.8MPG**
- **18/26 T Rigid +2% - currently 12.6MPG**
- **Artics +1.5% -currently 8.6MPG**

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-

Fuel consumption figures used to identify problem vehicles and drivers targeted for training by Training Manager and data from Dynafleet FMS information.

External training options investigated with vehicle manufacturers.

Continuation of 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 80% of the fleet during 2012 with subsequent management reporting systems implemented.

Company cars –

CO2 emissions data produced by Chairman to be used in ongoing specification of company car fleet.

2.0 WASTE REDUCTION

The Environmental Aspects Register compiled for the ISO 14001 system identifies in some detail the waste production within the organisation.

TARGETS FOR 2011/12

- **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

Recycling

Identify recycling opportunities which reduce landfill requirements. Implement paper recycling at all Company sites.

Identification

Carry out a project to identify accurately all waste streams within the organisation and recommend practical reductions.

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 2010/11 identified 790,000 KWh of electricity which is equivalent to 316 Tonnes of CO₂ emissions.

Calculations of gas consumption used for heating at sites for 2010/11 identified 1,006,000 KWh of gas consumption which is equivalent to 201 Tonnes of CO₂ emissions.

Calculations of paper use 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 2011/12

- **Review recommendations of recent external report on the organisation produced in collaboration with Keele University and implement where considered worthwhile.**
- **Reduction of annual electrical use by 3% equivalent to 9.8 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.

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.

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.

Shipping Routes

Produce CO2 emission statistics in relation to shipping options on Irish Sea to provide customers with options for CO2 reduction exercises.

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 2011/12

- **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.

Other Opportunities

Investigate Company waste streams for other opportunities to recycle.

5.0 OTHER ISSUES

TARGETS FOR 2011/12

- **Communicate Environmental Policies to all staff and interested parties via Company web site**
- **Training in specific environmental procedures for employees**
- **Substitution of air travel with rail / road for Company Management**

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
21st NOVEMBER 2011.