

G. MOORE HAULAGE LTD

Method Statement and Factory Control System For the Production of Aggregates from Waste.



INTRODUCTION

G Moore Haulage Ltd owns a Waste Transfer Station in Kempston Hardwick, Beds. At this location waste material is sorted and separated into various categories for disposal and recycling.

One of these separated categories is inert hardcore, stone and brick which when crushed can be graded and sold as a product.

Quality control is important and required for the production of aggregates from waste in order to ensure customer satisfaction and help G Moore Haulage Ltd demonstrate that our waste has been fully recovered.

MANAGEMENT & OPERATIONAL STAFF

**Managing Director
Operations Manager
Transfer Station Manager**

**Gary Moore
Mark Stribling, Peter Rockell
Tony Ardis, David Goode**

Gary Moore would have ultimate responsibility for enforcing and complying with the companies Quality System.

The transfer station managers will be supplied with a copy of the Method Statement of Production and receive relevant training and instruction to fully understand the requirements of the operation. They will also be expected to instruct all site operatives of their duties to operate this system.

RESOURCES

Transfer Station

The transfer station consists of the following equipment to allow segregation of the waste material. Weighbridge, weighbridge office, covered building for waste segregation, concrete floor, 360 grab machine, loading shovel, trommel, over band magnet, picking conveyor and crusher.

People

There are 8 manned stations on the picking conveyor to separate the waste material, and a further 4 persons sorting on the concrete floor.

The trommel will be loaded by a 360 grab machine and a loading shovel will be used to load and move material around the transfer station floor.

All G Moore Haulage Ltd staff, weighbridge staff and drivers have been trained sufficiently to be competent in carrying out their duties and to identify the types of waste that the transfer station can accept. Copies of the site licence are available for everyone to read.

Waste Suppliers

The majority of vehicles using the transfer station are G Moore Haulage vehicles so we can control the quality and quantity of the waste entering the site.

The site is License No EAWML 71053
Waste Carriers Licence CB/PN5470KR (Previous ACE/107474)

Plant and Equipment

All plant and equipment is serviced by our own in house maintenance team. Records of maintenance and daily plant check lists are stored on our company system.

Storage Areas

All mixed waste brought to site is stored inside the transfer station building on a sealed concrete floor.

METHOD STATEMENT OF PRODUCTION

Our Kempston Hardwick Transfer Station is an industrial/commercial site that accepts mixed non-hazardous waste. Some of our loads are pre segregated and are tipped straight onto our storage area for crushing, while others loads will be sorted into the various categories.

The process of making sure that the correct materials enter the site starts from the initial enquiry. Our staff will advise the client to the materials that are acceptable and ask for a description of the material that the client is intending to dispose. On collecting the material our driver will inspect the load and make sure that it is suitable.

A transfer note will accompany every load with the following details:

Name and Address of Waste Producer
Name and Address of Waste Carriers
Name and Address of Waste Disposal Point
Waste Carriers Licence Number
Date of Collection
Waste Description
EWC Code
Signature of all parties involved in the waste transfer.

When a vehicle arrives on site whether it is from our company or sub-contractor the driver will stop at the weighbridge where the load will be checked by a competent member of staff to ensure the material is acceptable and compliant with our licence conditions. A waste transfer ticket will be issued by the delivery driver stating the nature of the load and this will be checked against the actual load on the vehicle. Unwanted objects and non-conforming materials will be rejected.

Rejection Process

If the load is rejected, the driver would be issued with a rejection ticket with the following information:

Date

Customer

Where the material came from

Detailed description of the load

Reasons for rejection

Vehicle registration

Size of load/vehicle

Alternative site for disposal

All the above information will be duplicated and kept in our filing system.

Acceptance Criteria

If the load is acceptable the driver will be made aware of our traffic management plan and directed to the tipping area. The material will be further inspected for compliance. If the waste is not suitable, the procedure for non-compliant at this stage is to segregate the material from the tipping area.

If the material is acceptable it will be separated either by machine, by hand or by trommel into the various categories, each material having its own container or isolated recess.

Material received from other contractors.

The weighbridge operative will ask for a copy of their Waste Carriers Licence and issue the delivery driver with a receipt and transfer note. The duty of Care transfer note with the following information will be filed on our system.

Ticket Number

Date

Customer

Where the material came from

Detailed description of the load including the EWC Code

Delivered to address

Vehicle registration

Size of load/vehicle

Tonnage

The materials segregated and used to produce a recycled aggregate can include the following waste types:

17 01 01	Concrete
17 01 02	Bricks
17 01 03	Tiles and Ceramics
17 01 07	Mixture of concrete, bricks, tiles and ceramics
17 02 02	Glass
17 03 02	Bituminous mixtures (road metal)
17 05 04	Soils and Stones including gravel
17 05 08	Crushed Rock, sand, clay, road base and planings, and track ballast
20 01 02	Glass
20 02 02	Soils and stone restricted to park waste

FACTORY PRODUCTION CONTROL

This system is to monitor the production and to ensure that the required product characteristics are achieved and maintained.

The main recycled aggregate produced is a Crush and Run product 6F2, and is crushed to 75mm down specification. It is sold as a graded product only, a material suitable for temporary haul roads, site compounds, fill material and/or capping layers. The main concern for sale is that the material is inert and as far as possible free from contamination such as wood, plastic and paper etc.

Using the same procedure we also produce Type1, and 1A fill, certificates for all our products are available on request.

These material stockpile will have already passed through our sorting process and is mainly uncrushed clean inert material. The material will be loaded by a 360 machine into one of our 3 crushing and screening machines.

Any metals are removed with a magnet and placed into a skip.

The graded material will then be repositioned for a further visual inspection and any obvious contaminants will be removed.

It is impossible for the finished product to be completely free from contaminants but we strive to accomplish this as best as we can. It is therefore recommended that the customers inspect the material to ensure that the product is suitable and meets their requirements.

The material produced will have grading tests carried out at regular intervals.

All delivery tickets are kept for a minimum of 2 years.