

Equestrian Surfaces Limited

Non-Technical Summary

Ref: ES.PT.NTS.2005

May 2021

Equestrian Surfaces Limited are a well-established facility for the recycling of waste and manufacture of equestrian surfaces. The site will accept up to 16,000 tonnes of mattress and carpet waste per annum, which equates to 51 tonnes per day. The carpet waste includes carpet underlay material, and the carpet waste will be split into two waste streams once accepted on site: wool based carpet and man-made fibre carpet. The annual tonnage for the separate waste streams is unknown as they are variable depending on the market.

The applicant wishes to obtain a bespoke environmental permit that will allow for a household, commercial and industrial waste transfer station with treatment relating to the recycling of mattress and carpet waste into equestrian surfaces at Phoenix Works, Phoenix Way, Burnley BB11 5SX.

The daily average anticipated throughputs are as follows:

Material Type	Form	Amount (Daily) in tonnes
Mattresses and Carpet	Articulated Lorry Load	Average: 51

The site is located to the west of the town centre of Burnley and to the south of the M65. The surrounding area of the site is characterised by a mix of uses including industrial and commercial properties to the immediate south, residential properties, the M56 to the north and a railway line to the north.

The site operates using a two shift system within the hours stated below:

Monday – Saturday: 06:00 – 23:00

Sunday: Closed

However, on occasion, the site will need to operate 24/7.

The hours within which waste will be transported in and out of site are as follows:

Monday – Friday: 06:00 – 18:00

Saturday: 06:00 – 12:00

Sunday: Closed

Mattress Waste

Mattress waste is delivered the sorting area within the sorting building within the central area of the site. The waste is then segregated by hand with the assistance of mobile plant into the appropriate waste streams and transferred to one of the concrete walled bays within the building prior to

processing. Processing includes the shredding and baling of mattresses and carpet waste which occurs within the building located to the east of the site.

Once processed, the product is stored in one of the assigned covered areas located within the external yard.

Carpet Waste

The carpet waste is delivered to the sorting area within sorting building located in the central area of the site, where the waste is segregated by hand with the assistance of mobile plant and transferred to the appropriate concrete walled bay according to waste stream prior to processing. Some carpet waste accepted on site is received in bale form as well as in loose form. The unsorted carpet bales are stored in the external covered area to the north of the central building. Once sorted, the carpet waste is then transferred to the building along the eastern boundary of the site to be processed. Processing includes the shredding and baling of the mattress and carpet waste which is all enclosed within the building to the east.

Once processed, the product is stored in one of the assigned covered areas located within the external yard.

European Waste Code (EWC)	Product Description	Destination within Facility			Process
		Sorting Building	Processing Building	Covered Areas	
04 02 21	Wastes from unprocessed textile fibres	Yes	Yes	Yes	Sorting processing and storage
04 02 22	Wastes from processed textile fibres	Yes	Yes	Yes	Sorting processing and storage
19 12 08	Textiles	Yes	Yes	Yes	Sorting processing and storage
20 01 11	Textiles	Yes	Yes	Yes	Sorting processing and storage
20 03 07	Bulky wastes	Yes	Yes	Yes	Sorting processing and storage