

# Verification Report - Final

## Marshalls Mono Limited

Verification dates:	02/02/2023 to 17/02/2023
Verification scope:	Marshalls UK and Belgium Rumst operations
Report author:	David Parry
Verification type:	GHG data



## Verification Details

<b>Location reference</b>	<b>0009701489-000</b>
<b>Assessed Location Name/ Address</b>	Marshalls Mono Limited Landscape House Premier Way Lowfields Business Park Elland HX5 9HT United Kingdom
<b>Visit type</b>	GHG data verification
<b>Verification numbers</b>	3682432 and 3682433
<b>Verification dates</b>	02/02/2023 to 17/02/2023
<b>Verification duration</b>	5 days

Verification Team:

<b>Name</b>	<b>Position</b>
David Parry	Team Leader

Verification participants:

<b>Name</b>	<b>Position</b>	<b>Opening meeting</b>	<b>Closing meeting</b>	<b>Interviewed (processes)</b>
Richard Capper	Group Carbon and Energy Manager	X	X	X
David Burrell	SHE Manager	X		X
Shelley Handley	SHE Adviser	X		X
Kelly Blackburn	Sustainability Adviser	X	X	X
Mike Edwards	Group Head of Sustainability	X	X	X
Lauren Taylor	Sustainability Adviser – South	X	X	X

## **Verification Opinion Statement**

**Responsible Party:** Marshalls Mono Ltd  
Landscape House  
Premier Way  
Lowfields Business Park  
Elland  
HX5 9HT  
United Kingdom

### **Verification Scope & Methodology:**

This is an environmental data verification report.

The scope of the verification agreed with the client is the following:

### **Type of Statement:**

Environmental data.

### **Scope of activities:**

- Energy management system for the design, manufacture and supply of concrete products for the commercial and domestic markets;
- Winning, sawing, processing and supply of natural stone products;
- Design manufacture and supply of street furniture products;
- Manufacturing and supply of masonry mortars and screed materials;
- Transport and storage of ancillary products;
- Manufacture of precast concrete products for the building, civil and railway engineering sectors;
- Manufacture of pre-cast concrete brick and block products for the building and civil sectors.

### **Organisational Boundary:**

Operational Control.

Energy/fuels used – Electricity, Natural gas, Gas oil, LPG, Bio LPG, Kerosene, Petrol, Diesel.

MLP (Marshalls Landscape Protection)	MC&D (Marshalls Civils & Drainage)	Bricks & Masonry (Marshall Bricks & Masonry)	Minerals Division	MM&S (Marshall Mortars & Screeds)	Non Production	Landscape Protection	NV Belgium
Bleadon	Mells	Maltby	Appleton	Howley Park	GES	North Shields	Rumst
Brookfoot	Pollington	Blencowe	Cromwell Saws	Eaglescliffe	Hall Ings		
Carluke	Leek	Buxton	Cromwell Quarry	Bedford	MSU		
Eaglescliffe	Newmains	Chester	Howley Park	Gateshead	Landscape		
Falkirk	Wombourne	Grove	Lochar- briggs	Birmingham	North Weald		
Newport		Ranskill	Dale View	Manchester	Central Lab		
Ramsbottom		Risca	Fletcher Bank				
Sandy		Shepton Mallet	Stainton				
Sittingbourne			Pasture House				
St Ives			Scout Moor				
West Lane			St Bees				
			Moselden				
			Sovereign				

**Reporting Boundary:**

GHG emissions and energy, direct emissions - excluding de minimis sources: business travel and F gas.  
 All GHG emissions and energy from UK sites and the single site in Belgium.  
 All waste generated on UK sites only.  
 All mains water used in production processes on UK sites only.

**Exclusions from Reporting Boundary:**

Emissions and energy from de minimis sources business travel and F gas.  
 Waste and water from the Belgium site.

**Criteria for developing the organisational Environmental Data:**

The data has been collected by Marshalls using their own criteria and they have set accuracy at 5%

**Level of Assurance:**

Limited

**Materiality level:**

5%

**Period:**

1/1/22 – 31/12/22



**Environmental Data :**

GHG emissions tCO <sub>2</sub> (e) location based	<b>42,896</b> tCO <sub>2</sub> (e) (UK and Belgium)
GHG emissions tCO <sub>2</sub> (e) Market based	<b>36,295</b> tCO <sub>2</sub> (e)
Kgs CO <sub>2</sub> (e)/production tonne location based	<b>7.84</b> (UK and Belgium)
Kgs CO <sub>2</sub> (e)/production tonne Market based	<b>6.65</b> (UK and Belgium)
Total energy kWh	<b>192,553,937</b> kWh(UK and Belgium)
Relative energy kWh/production tonne	<b>34.69</b> kWh/t(UK and Belgium)
Total waste tonnes	<b>202,544.20</b> t UK only
Hazardous waste tonnes	<b>606</b> t UK only – see comment below
Landfill%	<b>0.13%</b> UK only
% waste vs production	<b>2.38%</b> UK only – see comment below
Mains water used in production m <sup>3</sup>	<b>265,745.29</b> UK only – see comment below.
Mains water used in production m <sup>3</sup> per production tonne	<b>0.063</b> UK only – see comment below.

**Verified with Comments**

Based on the process and procedures conducted, there is no evidence that the Environmental data above produced by Marshalls Mono Ltd:

- is not materially correct and is not a fair representation of the environmental data;
- is not within the 5% accuracy level.

Comments:

- Livingstone and Stoke Hall were confirmed as being removed from scope – currently included in the documented scope.
- Gas oil figure corrected from 1,267,242 to 1,285,698.
- Water usage reporting has been improved – identified that some sites were reporting in litres rather than m<sup>3</sup> – explains the previous period’s high water usage value.
- Sanitary waste figure was incorrectly included in the hazardous waste total – not material but has been corrected.
- Marshalls have used the UK EFs for reporting the GHG emissions related to their Belgium site – this is planned to be reviewed for the next period although this is not considered material.
- The calculation for the percentage of waste going off site does not currently include hazardous waste or waste used for restoration on Marshall sites.

The following improvement opportunities were raised in relation to future reporting:

- The production output figure used for calculations is currently based on saleable product (Op 30) rather than the figure for actual production volume regardless of quality acceptance (Op 10) – this is planned to be reviewed.
- All waste batteries and WEEE are currently reported as hazardous – this is not material being under 2T however not all of waste in these categories may be hazardous.

**Verification Activities:**

The following were the verification activities undertaken:

- Evaluation of the monitoring and controls systems through interviews, confirmation of formulas, EFs, CFs used etc within Excel Spreadsheets.
- Checking of invoices and supplier statements against AX details.

The quantification and reporting of the environmental data has been independently verified by BSI against Marshalls criteria of 5% accuracy. The verification activity has been carried out in accordance with ISO 14016:2020 . The verification activities applied in a limited level of assurance verification are less extensive in nature, timing and extent than in a reasonable level of assurance verification

**Responsibilities:**

The data on which the environmental data is based has been provided by Marshalls Mono Ltd. This data is the responsibility of Marshalls Mono Ltd and is historical in nature.

Marshalls Mono Ltd is responsible for the preparation and fair presentation of the environmental data in accordance with the criteria.

BSI is responsible for expressing an opinion on the environmental data based on the verification.

**Lead Verifier:** David Parry

**Issue Date:** 18/02/2023

**NOTE:** BSI Assurance UK Ltd is independent to and has no financial interest in Marshalls Mono Ltd. This Opinion Statement has been prepared for Marshalls Mono Ltd only for the purposes of verifying its environmental data described in the scope above. It was not prepared for any other purpose. In making this Statement, BSI Assurance UK Ltd has assumed that all information provided to it by Marshalls Mono Ltd is true, accurate and complete. BSI Assurance UK Ltd accepts no liability to any third party who places reliance on this Opinion Statement.

## How to contact BSI

Should you wish to speak with BSI in relation to your Verification report, please contact your local BSI office – contact details available from the BSI website:

<https://www.bsigroup.com/en-GB/UK-office-locations/>

## Notes

*This Verification report and related documents (collectively, "Report") has been prepared for BSI's client only and for no other purpose. BSI does not accept or assume any responsibility (legal or otherwise) or liability for or in connection with any other purpose for which the Report may be used, or to any other person to whom the Report is shown or in to whose hands it may come, and no other persons shall be entitled to rely on the Report. This Report may not be distributed outside of BSI's client organization without prior written consent.*

*This Report was based on a sample of the organization's data and assumes that all information provided is accurate and complete.*

## Regulatory compliance

*BSI assumes that all relevant regulatory non-compliance requiring notification to a regulatory authority have been disclosed as part of the Verification process. Any non-compliance occurring after the Verification will be notified to BSI immediately after the event.*