

Verification Report

Marshalls Mono Limited

Verification dates	07/02/2022 to 15/02/2022
Verification Location(s)	Elland (139)
Report author	David Parry
Verification Standard(s)	Second Party (Generic)



Verification Details

Location reference	0009701489-139
Assessed Location Name/ Address	Marshalls Plc Landscape House Premier Way Lowfields Business Park Elland HX5 9HT United Kingdom
Visit type	CA BSI Programme
Verification number	3553167
Verification dates	07/02/2022
Verification duration	5 day(s)

Team

Name	Position
David Parry	Team Leader

Verification participants

Name	Position	Opening meeting	Closing meeting	Interviewed(processes)
Richard Capper	Group Energy Manager	X	X	X
David Burrell	SHE Manager	X		X
Shelley Handley	Compliance support	X		X
Kelly Blackburn	Compliance Data Analyst	X		X
John Davies	Group HSE	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, Kerosene, Petrol, Diesel.

Marshalls Sites

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	Ammon-ford	Cromwell Saws	Eaglescliffe	Hall Ings		
Carluke	Leek	Blencowe	Cromwell Quarry	Bedford	MSU		
Eaglescliffe	Newmains	Buxton	Howley Park	Gateshead	Ryton		
Falkirk	Wombourne	Chester	Lochar-briggs	Salford	Landscape		
Newport		Grove	Dale View	Wolver-	North Weald		

				hampton			
Rams-bottom		Heritage - Rogiet	Fletcher Bank	Birmingham	Central Lab		
Sandy		Livingstone	Stainton	Manchester			
Sitting-bourne		Ranskill	Stoke Hall				
St Ives		Risca	Pasture House				
West Lane		Shepton Mallet	Scout Moor				
		Stoke	St Bees				
			Moselden				

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.

To confirm - energy and carbon emissions only for the Belgium site.

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, they have set accuracy at 5%

Level of Assurance:

Limited

Materiality level:

5%

Period:

1/1/21 – 31/12/21

Environmental Data :

GHG emissions tCO2(e) location based	45,772 tCO2(e) (UK and Belgium)
GHG emissions tCO2(e) Market based	37,572 tCO2 (e)
Kgs CO2(e)/production tonne location based	7.88 (UK and Belgium)
Kgs CO2(e)/production tonne Market based	6.46 (UK and Belgium)
Total energy kWh	200,952,906kWh(UK and Belgium)
Relative energy kWh/production tonne	34.33kWh/t(UK and Belgium)
Total waste tonnes	214,957 t UK only
Hazardous waste tonnes	597 t UK only
Recycled waste vs landfill	99.6% UK only
% waste vs production	2.68 UK only
Mains water used in production m ³	23,349,703.92 UK only – see note below.
Mains water used in production m ³ per production tonne	5.29 UK only – see note 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:

- The figure calculated for m³ of water per product Tonne has significantly increased at 5.29m³ compared with previous years – last year being 0.051m³. It was stated that water usage reporting in previous periods only included direct production usage and not water used for washing, polishing, clean down between batches etc which are now included and the 5.29m³/Product Tonne is correct.
- Marshalls have used the UK EFs for reporting the GHG emissions related to their Belgium factory, and this is not material.
- NC raised - 50000 Manual Section "Methods for Investigating and Responding to Significant Deviations in Energy Performance" states: The AX system produces a report that highlights potential significant deviations - to be checked and updated by the Group Energy and Carbon Manager on a monthly basis. Richard Capper - Group Carbon & Energy Manager confirmed that this was not being done.

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

- LPG invoices cannot be viewed from AX
- Monthly supplier statements are being requested going forwards
- Clarify and communicate the protocol for recording water usage and what is included.

Verification Activities:

The following were the verification activities undertaken:

- Evaluation of the monitoring and controls systems through interviews, explanation of arrangements, confirmation of formulas, EFs, CFs used etc within Excel Spreadsheets.
- Checking of invoices and supplier statement 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: 18/02/2022

NOTE: BSI Assurance UK Ltd is independent to and has no financial interest in Marshalls Mono Ltd. This verification Opinion 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 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 activities and assumes that all information provided is accurate and complete.

Regulatory compliance

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