

PM Service Voucher

Avery Weigh-Tronix

Customer	United Metal Recycling
Contract	49U5016800
Service Order	100239115
Technician Number	678008
Service Area	49 / 4

Location U501680000 Description BALLYSIMON Work Site Address United Metal Recycling (Ireland) Ltd Eastway Recycling Park Ballysimon Co Limerick Post Code Telephone 061-603848 Contact	Text on Location :
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Key for Type: PM - Planned Maintenance Voucher, CL - Calibration Certificate

Service Order	Completed	Manufacturer	Installation - Plant No.	Capacity	Type	Service Package
Department :						
100238519	Yes	Default	BMSE1205:0904050274	40000 kg	CL	DIAMOND
100238520	Yes	Default	BMSE1205:0904050274	40000 kg	PM	DIAMOND
100238521	Yes	Default	BMSE1205:100550344	50000 kg	CL	DIAMOND
100238522	Yes	Default	BMSE1205:100550344	50000 kg	PM	DIAMOND
100238715	Yes	AVERY	H500L116:9400603	2000 kg	CL	DIAMOND
100238716	Yes	AVERY	H500L116:9400603	2000 kg	PM	DIAMOND
100238735	Yes	Default	H520E1105:100550155	6000 kg	CL	DIAMOND
100238736	Yes	Default	H520E1105:100550155	6000 kg	PM	DIAMOND

THE VISIT(S) TO THE ABOVE MACHINES HAS BEEN COMPLETED	
Customer Signature Technician Date	<div style="text-align: center;">  S Carmody (Cork) 26/04/2019 </div> <div style="text-align: right; margin-top: 10px;"> Name JOHN 1 </div>

Calibration Certificate

Avery Weigh-Tronix
Unit L11, Greenogue Business Park
Rathcoole, Co. Dublin
www.averyweigh-tronix.com

Tel: 01 4000 700



Customer Details	
Name :	United Metal Recycling
Address :	Eastway Recycling Park Ballysimon Co Limerick
Contact Name :	
Telephone No.	061-603848

Linearity / Accuracy Test				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
0 kg	0 kg	0 kg	0 kg	0 kg
8,000 kg	8,000 kg	0 kg	8,000 kg	0 kg
16,000 kg	16,000 kg	0 kg	16,000 kg	0 kg
25,960 kg	25,960 kg	0 kg	25,960 kg	0 kg
32,000 kg	32,000 kg	0 kg	32,000 kg	0 kg
40,000 kg	40,000 kg	0 kg	40,000 kg	0 kg

Certificate No. 100238519/0101
Date of Calibration : 26/04/2019
Next Calibration Due : Apr 2020

Agreement No. 49U5016800
Location : BALLYSIMON
Department :
Plant Number :
Manufacturer : Default
Model : BMSE1205
Serial No : 0904050274
Capacity : 40000 kg
Resolution : 10
Tolerance : see notes
Calibration Frequency : CL 1 x p.a. (30 mins)-Both

Off Centre 2 3 Loading Test 1 4		or	End -Middle-End 1-2-3	
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
8,960 kg	8,960 kg	0 kg	8,960 kg	0 kg
8,960 kg	8,960 kg	0 kg	8,960 kg	0 kg
8,960 kg	8,960 kg	0 kg	8,960 kg	0 kg
8,960 kg	8,960 kg	0 kg	8,960 kg	0 kg

Test Weight Details
Weight Set No. & Certificate No.
W0110: A0294
Test weights and equipment are traceable to national standards.

Repeatability Test				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
25,960 kg	25,960 kg	0 kg	25,960 kg	0 kg
25,960 kg	25,960 kg	0 kg	25,960 kg	0 kg
25,960 kg	25,960 kg	0 kg	25,960 kg	0 kg

This certificate complies with the United Kingdom Weighing Federation Calibration Code of Practice for non-automatic weighing instruments.

Comments	Tolerances
Make-up weight used	Unless otherwise agreed tolerances will be those permitted by current Weights and Measures Regulations for Class III machines as follows:
	0-500 divisions +/- 1 divn.
	>500-2000 divisions +/- 2 divn.
	>2000 divisions +/- 3 divn.
For key calibration information please login to https://averyweigh-tronix.com	

Technicians Name: S Carmody (Cork)

Customer Name: JOHN 1

Technicians Signature: *S. Carmody*

Customer Signature: *[Signature]*

Calibration Certificate

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Rathcoole, Co. Dublin
www.averyweigh-tronix.com

Tel: 01 4000 700



Customer Details	
Name :	United Metal Recycling
Address :	Eastway Recycling Park Ballysimon Co Limerick
Contact Name :	
Telephone No.	061-603848

Linearity / Accuracy Test				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
0 kg	0 kg	0 kg	0 kg	0 kg
10,000 kg	10,000 kg	0 kg	10,000 kg	0 kg
20,000 kg	20,000 kg	0 kg	20,000 kg	0 kg
23,960 kg	23,960 kg	0 kg	23,960 kg	0 kg
40,480 kg	40,480 kg	0 kg	40,480 kg	0 kg
46,440 kg	46,440 kg	0 kg	46,440 kg	0 kg

Certificate No. 100238521/0101
Date of Calibration : 26/04/2019
Next Calibration Due : Apr 2020

Agreement No. 49U5016800
Location : BALLYSIMON
Department :
Plant Number :
Manufacturer : Default
Model : BMSE1205
Serial No : 100550344
Capacity : 50000 kg
Resolution : 20kg
Tolerance : see notes
Calibration Frequency : CL 1 x p.a. (30 mins)-Both

Off Centre 2 3 or End -Middle-End Loading Test 1 4 1-2-3				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
8,960 kg	8,960 kg	0 kg	8,960 kg	0 kg
8,960 kg	8,960 kg	0 kg	8,960 kg	0 kg
8,960 kg	8,960 kg	0 kg	8,960 kg	0 kg
8,960 kg	8,960 kg	0 kg	8,960 kg	0 kg

Test Weight Details
Weight Set No. & Certificate No.
W0110: A0294
Test weights and equipment are traceable to national standards.

Repeatability Test				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
46,440 kg	46,440 kg	0 kg	46,440 kg	0 kg
46,440 kg	46,440 kg	0 kg	46,440 kg	0 kg
46,440 kg	46,440 kg	0 kg	46,440 kg	0 kg

This certificate complies with the United Kingdom Weighing Federation Calibration Code of Practice for non-automatic weighing instruments.

Comments Make-up weight used For key calibration information please login to https://averyweigh-tronix.com	Tolerances Unless otherwise agreed tolerances will be those permitted by current Weights and Measures Regulations for Class III machines as follows: 0-500 divisions +/- 1 divn. >500-2000 divisions +/- 2 divn. >2000 divisions +/- 3 divn.
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Technicians Name: S Carmody (Cork)

Customer Name: JOHN 1

Technicians Signature: *S. Carmody*

Customer Signature: *[Signature]*

Calibration Certificate

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Customer Details	
Name :	United Metal Recycling
Address :	Eastway Recycling Park Ballysimon Co Limerick
Contact Name :	
Telephone No.	061-603848

Linearity / Accuracy Test				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
0 kg	0 kg	0 kg	0 kg	0 kg
400 kg	400 kg	0 kg	400 kg	0 kg
800 kg	800 kg	0 kg	800 kg	0 kg
1,200 kg	1,200 kg	0 kg	1,200 kg	0 kg
1,600 kg	1,600 kg	0 kg	1,600 kg	0 kg
2,000 kg	2,000 kg	0 kg	2,000 kg	0 kg

Certificate No. 100238715/0101
Date of Calibration : 26/04/2019
Next Calibration Due : Apr 2020

Agreement No. 49U5016800
Location : BALLYSIMON
Department :
Plant Number :
Manufacturer : AVERY
Model : H500L116
Serial No : 9400603
Capacity : 2000 kg
Resolution : 1
Tolerance : see notes
Calibration Frequency : CL 1 x p.a. (30 mins)-Both

Test Point	Off Centre	2	3	or	End -Middle-End
	Loading Test	1	4		1-2-3
As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation		
500 kg	500 kg	0 kg	500 kg	0 kg	
500 kg	500 kg	0 kg	500 kg	0 kg	
500 kg	500 kg	0 kg	500 kg	0 kg	
500 kg	500 kg	0 kg	500 kg	0 kg	

Test Weight Details
Weight Set No. & Certificate No.
W0110: A0294
Test weights and equipment are traceable to national standards.

Repeatability Test				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
2,000 kg	2,000 kg	0 kg	2,000 kg	0 kg
2,000 kg	2,000 kg	0 kg	2,000 kg	0 kg
2,000 kg	2,000 kg	0 kg	2,000 kg	0 kg

This certificate complies with the United Kingdom Weighing Federation Calibration Code of Practice for non-automatic weighing instruments.

Comments	Tolerances
For key calibration information please login to https://averyweigh-tronix.com	Unless otherwise agreed tolerances will be those permitted by current Weights and Measures Regulations for Class III machines as follows:
	0-500 divisions +/- 1 divn.
	>500-2000 divisions +/- 2 divn.
	>2000 divisions +/- 3 divn.

Technicians Name: S Carmody (Cork)

Customer Name: JOHN 1

Technicians Signature: *S. Carmody*

Customer Signature: *[Signature]*

Calibration Certificate

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Tel: 01 4000 700



Customer Details	
Name :	United Metal Recycling
Address :	Eastway Recycling Park Ballysimon Co Limerick
Contact Name :	
Telephone No.	061-603848

Linearity / Accuracy Test				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
0 kg	0 kg	0 kg	0 kg	0 kg
500 kg	500 kg	0 kg	500 kg	0 kg
1,000 kg	1,000 kg	0 kg	1,000 kg	0 kg
2,000 kg	2,000 kg	0 kg	2,000 kg	0 kg
4,000 kg	4,000 kg	0 kg	4,000 kg	0 kg
6,000 kg	6,000 kg	0 kg	6,000 kg	0 kg

Certificate No. 100238735/0101
Date of Calibration : 26/04/2019
Next Calibration Due : Apr 2020

Agreement No. 49U5016800
Location : BALLYSIMON
Department :
Plant Number :
Manufacturer : Default
Model : H520E1105
Serial No : 100550155
Capacity : 6000 kg
Resolution : 2 & kg
Tolerance : see notes
Calibration Frequency : CL 1 x p.a. (30 mins)-Both

Off Centre 2 3 Loading Test 1 4		or	End -Middle-End 1-2-3	
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
1,000 kg	1,000 kg	0 kg	1,000 kg	0 kg
1,000 kg	1,000 kg	0 kg	1,000 kg	0 kg
1,000 kg	1,000 kg	0 kg	1,000 kg	0 kg
1,000 kg	1,000 kg	0 kg	1,000 kg	0 kg

Test Weight Details
Weight Set No. & Certificate No.
W0110: A0294
Test weights and equipment are traceable to national standards.

Repeatability Test				
Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
4,000 kg	4,000 kg	0 kg	4,000 kg	0 kg
4,000 kg	4,000 kg	0 kg	4,000 kg	0 kg
4,000 kg	4,000 kg	0 kg	4,000 kg	0 kg

This certificate complies with the United Kingdom Weighing Federation Calibration Code of Practice for non-automatic weighing instruments.

Comments	Tolerances					
For key calibration information please login to https://averyweigh-tronix.com	Unless otherwise agreed tolerances will be those permitted by current Weights and Measures Regulations for Class III machines as follows:					
	<table> <tr> <td>0-500 divisions</td> <td>+/- 1 divn.</td> </tr> <tr> <td>>500-2000 divisions</td> <td>+/- 2 divn.</td> </tr> <tr> <td>>2000 divisions</td> <td>+/- 3 divn.</td> </tr> </table>	0-500 divisions	+/- 1 divn.	>500-2000 divisions	+/- 2 divn.	>2000 divisions
0-500 divisions	+/- 1 divn.					
>500-2000 divisions	+/- 2 divn.					
>2000 divisions	+/- 3 divn.					

Technicians Name: S Carmody (Cork)

Customer Name: JOHN 1

Technicians Signature: *S. Carmody*

Customer Signature: *[Signature]*

1. CERTIFICATES AND TOLERANCES

Measurements will be recorded over the equipment's working range and a Certificate of Calibration provided (hereafter referred to as Certificate) showing performance to a specified tolerance. Unless otherwise agreed, tolerances will be those permitted by current Weights and Measures Regulations for Class III machines in relation to the obliteration of stamps as follows: 0 to 500 divisions = +/- 1 division, >500 to 2000 divisions = +/- 2 divisions, > 2000 divisions = +/- 3 divisions.

2. AS FOUND CERTIFICATE

An 'As Found' test will be conducted without any prior adjustments and/or repair being made apart from usual preparations for weighing such as Zero balancing or levelling carried out in accordance with the customer's normal operating procedures.

3. DEFINITIVE CERTIFICATE

A 'Definitive' test is usually carried out after the necessary adjustments have been made. If any required adjustments and/or repairs are covered by a Service Agreement they will be carried out prior to the Definitive Test. If the equipment requires work not covered by a Service Agreement, Avery Weigh-Tronix will quote for any rectification work required and will give the customer the option to suspend the definitive test until such work has been carried out. Avery Weigh-Tronix reserves the right to charge for additional costs incurred if a test is suspended for any reason outside of their control.

4. ADJUSTMENTS AND REPAIRS

The Calibration Service does not cover adjustments and repair to equipment, though necessary adjustments may be covered by a Service Agreement.

5. TRACEABILITY

The Test Weights used are traceable to National Standards of Mass. The appropriate certificates for the Test Weights used will be quoted on the Certificate. Traceability implies that there is an unbroken chain back to National Physical Laboratory Standards of Mass. For Avoirdupois (Imperial) machines, these may be calibrated with metric weights assuming a conversion factor of 1lb. = 453.59237g.

6. MEASUREMENTS TAKEN

(1) Unless otherwise agreed, pre-determined measurement points will be selected, normally, these will be a reading at zero and four to ten other readings in the equipment's range. In the case of equipment with a capacity in excess of 250kg, or with restricted platform sizes it may be necessary to use 'make-up' weights. This does not affect the validity of the test. Where possible weighbridges will be tested up to the maximum gross vehicle weight allowed under current legislation (without dispensation).

(2) Off Centre loading (if applicable): Up to four readings will be taken, normally at about one quarter to half of the instruments capacity, at various off centre points. For machines which weigh rolling loads (e.g. overhead track scales and weighbridges) the test may be carried out by placing the load at the beginning, middle and end of the load receptor.

(3) Repeatability: Three readings (at the same test point) will be taken normally at a load value of 25% or more of the instruments capacity.

Note! 'Make up' loads may in some cases be used for Off Centre loading and Repeatability tests and this will not affect the validity of the results.

(4) Avery Weigh-Tronix standard calibration service is carried out in line with internal procedures relevant to the instrument and complies with the UK Weighing Federation Calibration Code of Practice.

7. ENVIRONMENT

Unless otherwise specified, the Calibration Service will be carried out on the equipment in its normal location and in the environment as found.

8. CARTAGE OF TEST WEIGHTS

For all tests of machines having a capacity in excess of 750kg, the customer is responsible for the cartage of test weights from and to Avery Weigh-Tronix premises. Unless otherwise specified, for road weighbridges being calibrated to a capacity in excess of 10,000kg the Calibration Service includes the provision of a Weighbridge Test Unit.

9. UNSKILLED LABOUR AND LIFTING EQUIPMENT

The customer is responsible for supplying unskilled labour, lifting and handling equipment for the movement of Test Weights on site.

10. HANDLING OF TEST WEIGHTS

The customer is responsible for any damage caused to Test Weights whilst they are on the customer's premises (or being transported by the customer), except to the extent that such damage arises from the negligence of an employee of Avery Weigh-Tronix or its sub-contractor or agent.

11. ACCURACY

The certificate issued under this service is based on readings taken at a particular point of time and a particular location. It does not guarantee the accuracy of the equipment in the future. The interpretation of the results declared is the responsibility of the customer having regard to the nature of the machine use.

12. UKAS CERTIFICATES

Should a customer require a calibration service, which complies with the requirements of UKAS / ISO17025, this can be arranged; however this will be on a specific UKAS contract with different terms, conditions and documentation.

13. EQUIPMENT OUTSIDE THE TOLERANCE

If a calibration is carried out, a certificate may still be issued even if a machine is outside of the prescribed tolerance (ref point 11).

14. NOTIFICATION PROCEDURE

To comply with the relevant Weights and Measures Regulations it is a legal requirement that users of weighing equipment notify their Local Trading Standards Department when a major adjustment or component change is made which could affect the metrological performance of the machine.

15. MEASUREMENT UNCERTAINTY

Where there is zero error shown for repeatability, Measurement Uncertainty can normally be considered to be within approximately +/- one scale division or where the resolution is ≤ 0.0001 g approximately +/- six scale divisions. Should a calculation for Measurement Uncertainty be required this would only be supplied with a UKAS calibration contract.

16. TERMS AND CONDITIONS

Where calibration work is carried out as part of a Service Agreement Avery Weigh-Tronix's Service Agreement Terms and Conditions shall apply. Where calibration work is carried out as an addition to a Service Agreement or in the absence of a Service Agreement then Avery Weigh-Tronix's General Terms and Conditions shall apply. Copies of the applicable terms have been made available to customer and further copies are available upon request.