

PM Service Voucher

Avery Weigh-Tronix

Customer	Stewart Melrose (Bathgate) Ltd
Contract	3054150001
Service Order	107872825
Technician Number	621932
Service Area	EH48 / 1

<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">Location</td> <td>305415001</td> </tr> <tr> <td>Description</td> <td>BATHGATE</td> </tr> <tr> <td>Work Site Address</td> <td>Stewart Melrose</td> </tr> <tr> <td></td> <td>PO Box 21</td> </tr> <tr> <td></td> <td>Bathgate</td> </tr> <tr> <td></td> <td>BATHGATE</td> </tr> <tr> <td></td> <td>EH48 2HZ</td> </tr> <tr> <td>Post Code</td> <td>EH48 2HZ</td> </tr> <tr> <td>Telephone</td> <td>01506656560</td> </tr> <tr> <td>Contact</td> <td>Stuart Melrose</td> </tr> </table>	Location	305415001	Description	BATHGATE	Work Site Address	Stewart Melrose		PO Box 21		Bathgate		BATHGATE		EH48 2HZ	Post Code	EH48 2HZ	Telephone	01506656560	Contact	Stuart Melrose	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 :						
107861781	Yes	Bridgemont	BMSL225:20290400	50000 kg	CL	IWD
107861782	Yes	Bridgemont	BMSL225:20290400	50000 kg	PM	IWD
Signature	<i>J.Moone</i>	Name	MR J MOONIE			

THE VISIT(S) TO THE ABOVE MACHINES HAS BEEN COMPLETED	
Reason for no signature	
Technician	McManus J
Date	24/01/2014



Company Name **Stewart Melrose** Agreement No. **3054150001** Site No. **305415001**

Postcode **EH48 2HZ**

Indicator Type	Indicator Serial No.	Weighbridge Type	Weighbridge Capacity	Test Load Results		
				End	Middle	End
BMSL225	20290400	WB1	50000 kg	16000	16000	16000

Load Cell No.	Output Impedance in Ω	Input Impedance in Ω	Insulation Impedance (bridge-earth) in Ω	Insulation Impedance (bridge-screen) in Ω	Insulation Impedance (screen-earth) in Ω	No Load Voltage in mV	Type <i>e.g. T301, T302 BMS Weigh-bar</i>	Protection <i>(e.g. Strut, Links, Ball free motion)</i>	Capacity	Manufacturer	Condition <i>1 = Poor, 5 = Good</i>
1	0	0	0	0	0	0	BMS Weighbar	LINKS	22000	AVERY	3
2											
3											
4											
5											
6											
7											
8											

Condition *1= Poor, 5 = Good*

Loadcell Stops	Pit	Free motion units	Display unit	Plates	Printer	Girders	Deck	Bolts/Pins	Knives/Bearings	Timbers	Surround
3	1	3	3	3	3	NA	3	3	NA	NA	2

Date of visit
24/01/2014

Comments and recommendations

An /Calibration Of Customers Weighbridge Scale Weighbridge Weighing

Calibration Certificate

ITW Ltd trading as Avery Weigh-Tronix
Registered in England No. 00559693
Registered Office: Admiral House, St Leonards Road, Windsor, Berkshire SL4 3BL



Tel: 0845 900 22 44

Customer Details

Name : Stewart Melrose
Address : Po Box 21
Bathgate
Bathgate
EH48 2HZ

Contact Name : Stuart Melrose
Telephone No. 01506656560

Certificate No. 107861781/0101

Date of Calibration : 24/01/2014
Next Calibration Due : Jan 2015

Agreement No. 3054150001

Location : BATHGATE

Department :

Plant Number :

Manufacturer : Bridgemont

Model : BMSL225

Serial No : 20290400

Capacity : 50000 kg

Resolution : 20KG

Tolerance : +/-60KG

Calibration Frequency : CL 1 x p.a. - Both

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
4,000 kg	4,000 kg	0 kg	4,000 kg	0 kg
8,000 kg	8,000 kg	0 kg	8,000 kg	0 kg
12,000 kg	12,000 kg	0 kg	12,000 kg	0 kg
16,000 kg	16,000 kg	0 kg	16,000 kg	0 kg
22,600 kg	22,600 kg	0 kg	22,600 kg	0 kg
24,200 kg	24,200 kg	0 kg	24,200 kg	0 kg
32,200 kg	32,200 kg	0 kg	32,200 kg	0 kg
40,200 kg	40,200 kg	0 kg	40,200 kg	0 kg
46,800 kg	46,800 kg	0 kg	46,800 kg	0 kg

Off Centre Loading Test

Positions

**2 3
1 4**

Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
10,600 kg	10,600 kg	0 kg	10,600 kg	0 kg
10,600 kg	10,600 kg	0 kg	10,600 kg	0 kg
10,600 kg	10,600 kg	0 kg	10,600 kg	0 kg
10,600 kg	10,600 kg	0 kg	10,600 kg	0 kg

Test Weight Details

Weight Set No. & Certificate No.

W011-01-24: A0231

Test weights and equipment are traceable to national standards.

Repeatability Test

Test Point	As Found Reading	As Found Deviation	Definitive Reading	Definitive Deviation
24,200 kg	24,200 kg	0 kg	24,200 kg	0 kg
24,200 kg	24,200 kg	0 kg	24,200 kg	0 kg
24,200 kg	24,200 kg	0 kg	24,200 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

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.

For key calibration information please login to <http://averyweigh-tronix.com>

Technicians Name: McManus J

Technicians Signature:

Customer Name: MR J MOONIE

Customer Signature:

1. CERTIFICATES AND TOLERANCES

Measurements will be recorded over the equipment's 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 - 500 divs = +/- 1div, >500 - 2000 divs = +/- 2divs, > 2000 divs = +/- 3 divs

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 (where applicable): Four readings will be taken, normally at about one quarter to half of the equipment's capacity, at various off centre points.

(3) Repeatability: Three readings (at the same test point) will be taken normally at about one quarter to half of the equipment's 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.

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, 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 will be issued even if a machine is outside the prescribed tolerance.

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 $\leq 0.0001\text{g}$ 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.