

CERTIFICATE OF CALIBRATION

CERTIFICATE No.02324

CUSTOMER DETAILS	
NAME	AUGEAN PLC
ADDRESS	PORT CLARENCE LANDFILL SITE OFF HUNTSMAN DRIVE PORT CLARENCE, MIDDLESBOROUGH
POST CODE	TS2 1UE

MACHINE DETAILS	
INDICATOR MANUF/TYPE	VISHAY / VT100
INDICATOR SERIAL No	V09060032
SCALE TYPE	PLATFORM
BASE WORK MANUF/No	SSS LTD
SOFTWARE VERSION	-
CAPACITY	1,500KG
INCREMENTS	0.5KG
LOCATION	PORT CLARENCE

CALIBRATION DETAILS	
NEXT CERTIFICATE DUE	05.2021
DATE OF CALIBRATION	11.06.2020
TEST WEIGHT CERT NO	7870 / 7806
ENGINEERS NAME	ANDREW SAVILLE
SIGNATURE	<i>Andrew Saville</i>

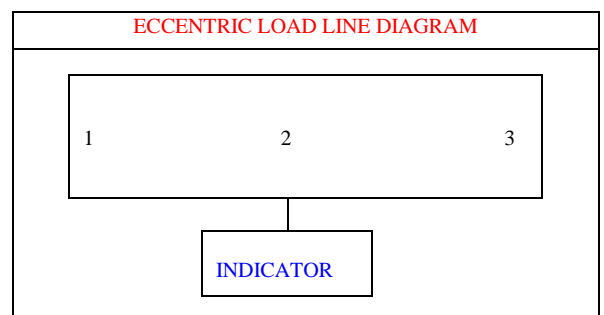
LINEARITY AND HYSTERESIS TEST						
	AS FOUND					
	NO TARE		TARE=		TARE=	
	INDICATION		INDICATION		INDICATION	
LOAD	LOADING	UNLOADING	LOADING	UNLOADING	LOADING	UNLOADING
0 KG	0 KG					
10 KG	10 KG					
300 KG	300 KG					
500 KG	500 KG					
1,000 KG	1,000 KG					
1,200 KG	1,200 KG					

DEFINITIVE TEST						
	NO TARE		TARE=		TARE=	
	INDICATION		INDICATION		INDICATION	
LOAD	LOADING	UNLOADING	LOADING	UNLOADING	LOADING	UNLOADING

REPEATABILITY TEST						
	AS FOUND			DEFINITIVE		
	IND	IND	IND	IND	IND	IND
LOAD						

DISCRIMINATION/SENSITIVITY TEST			
LOAD	INDICATION	ADDED	CHANGE

ECCENTRIC LOAD TEST				
	AS FOUND		DEFINITIVE	
	LOAD	IND	LOAD	IND
1	500 KG	500 KG		
2	500 KG	500 KG		
3	500 KG	500 KG		
4				
5				
6				
7				
8				



CALIBRATION CARRIED OUT IN ACCORDANCE WITH THE U.K.W.F. CODE OF PRACTICE

SCALES SPARES & SERVICES LTD
 THORNHILL ROAD BUSINESS PARK, TENTER FIELDS, DEWSBURY, WEST YORKSHIRE, WF12 9QT.
 TELEPHONE: 01924 464967

MEMBERS OF THE UK WEIGHING FEDERATION

CERTIFICATE OF CALIBRATION

CERTIFICATE No.02325

CUSTOMER DETAILS	
NAME	AUGEAN PLC
ADDRESS	PORT CLARENCE LANDFILL SITE OFF HUNTSMAN DRIVE PORT CLARENCE, MIDDLESBOROUGH
POST CODE	TS2 1UE

MACHINE DETAILS	
INDICATOR MANUF/TYPE	VISHAY /VT200A
INDICATOR SERIAL No	T16110157
SCALE TYPE	WEIGHBRIDGE
BASE WORK MANUF/No	SS&S LTD/-
SOFTWARE VERSION	-
CAPACITY	50,000 KG
INCREMENTS	20 KG
LOCATION	OUT BRIDGE

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NEXT CERTIFICATE DUE	05.2021
DATE OF CALIBRATION	11.06.2020
TEST WEIGHT CERT NO	7870 / 7806
ENGINEERS NAME	ANDREW SAVILLE
SIGNATURE	<i>Andrew Saville</i>

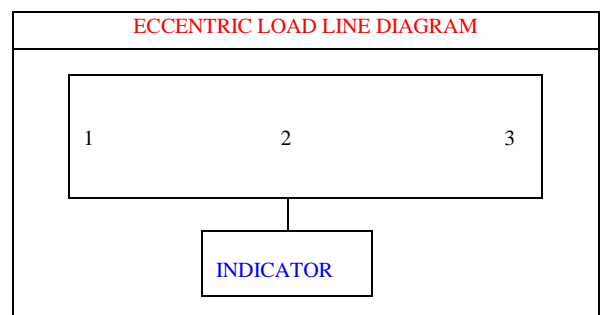
LINEARITY AND HYSTERESIS TEST						
AS FOUND						
NO TARE		TARE=		TARE=		
INDICATION		INDICATION		INDICATION		
LOAD	LOADING	UNLOADING	LOADING	UNLOADING	LOADING	UNLOADING
0 KG	0 KG					
2,000 KG	2,000 KG					
10,000 KG	10,000 KG					
20,000 KG	20,000 KG					
39,060 KG	39,060 KG					
44,360 KG	44,340 KG					

DEFINITIVE TEST						
NO TARE		TARE=		TARE=		
INDICATION		INDICATION		INDICATION		
LOAD	LOADING	UNLOADING	LOADING	UNLOADING	LOADING	UNLOADING

REPEATABILITY TEST						
AS FOUND			DEFINITIVE			
LOAD	IND	IND	IND	IND	IND	IND

DISCRIMINATION/SENSITIVITY TEST			
LOAD	INDICATION	ADDED	CHANGE

ECCENTRIC LOAD TEST				
AS FOUND		DEFINITIVE		
POSITION	LOAD	IND	LOAD	IND
1	44,340 KG	44,340 KG		
2	44,340 KG	44,340 KG		
3	44,340 KG	44,340 KG		
4				
5				
6				
7				
8				



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CERTIFICATE OF CALIBRATION

CERTIFICATE No.02326

CUSTOMER DETAILS	
NAME	AUGEAN PLC
ADDRESS	PORT CLARENCE LANDFILL SITE OFF HUNTSMAN DRIVE PORT CLARENCE, MIDDLESBOROUGH
POST CODE	TS2 1UE

MACHINE DETAILS	
INDICATOR MANUF/TYPE	VISHAY /VT300SS
INDICATOR SERIAL No	T15310693
SCALE TYPE	WEIGHBRIDGE
BASE WORK MANUF/No	SS&S LTD/-
SOFTWARE VERSION	-
CAPACITY	80,000 KG
INCREMENTS	20 / 50 KG
LOCATION	BIO POD

CALIBRATION DETAILS	
NEXT CERTIFICATE DUE	05.2021
DATE OF CALIBRATION	11.06.2020
TEST WEIGHT CERT NO	7870 / 7806
ENGINEERS NAME	ANDREW SAVILLE
SIGNATURE	<i>Andrew Saville</i>

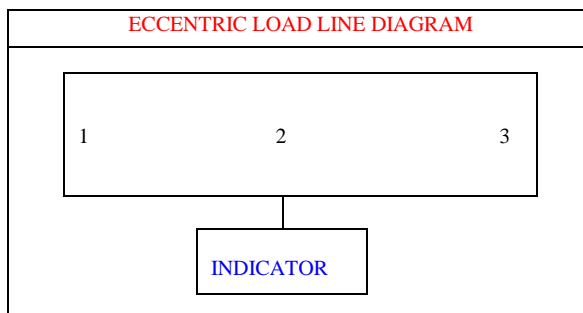
LINEARITY AND HYSTERESIS TEST						
AS FOUND						
	NO TARE		TARE=		TARE=	
	INDICATION		INDICATION		INDICATION	
LOAD	LOADING	UNLOADING	LOADING	UNLOADING	LOADING	UNLOADING
0 KG	0 KG					
2,000 KG	2,000 KG					
10,000 KG	10,000 KG					
20,000 KG	20,000 KG					
39,100 KG	39,100 KG					
44,400 KG	44,100 KG					

DEFINITIVE TEST						
	NO TARE		TARE=		TARE=	
	INDICATION		INDICATION		INDICATION	
LOAD	LOADING	UNLOADING	LOADING	UNLOADING	LOADING	UNLOADING

REPEATABILITY TEST						
	AS FOUND			DEFINITIVE		
	IND	IND	IND	IND	IND	IND
LOAD						

DISCRIMINATION/SENSITIVITY TEST			
LOAD	INDICATION	ADDED	CHANGE

ECCENTRIC LOAD TEST				
POSITION	AS FOUND		DEFINITIVE	
	LOAD	IND	LOAD	IND
1	44,100 KG	44,100 KG		
2	44,100 KG	44,100 KG		
3	44,100 KG	44,100 KG		
4				
5				
6				
7				
8				



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CERTIFICATE No.02327

CUSTOMER DETAILS	
NAME	AUGEAN PLC
ADDRESS	PORT CLARENCE LANDFILL SITE OFF HUNTSMAN DRIVE PORT CLARENCE, MIDDLESBOROUGH
POST CODE	TS2 1UE

MACHINE DETAILS	
INDICATOR MANUF/TYPE	VISHAY /VT200A
INDICATOR SERIAL No	T12110027
SCALE TYPE	WEIGHBRIDGE
BASE WORK MANUF/No	SS&S LTD/-
SOFTWARE VERSION	-
CAPACITY	50,000 KG
INCREMENTS	20 KG
LOCATION	PORT CLARENCE

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NEXT CERTIFICATE DUE	05.2021
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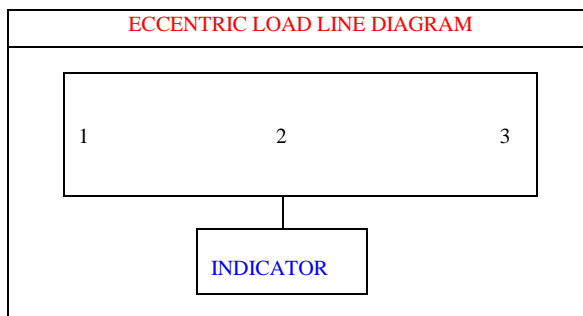
LINEARITY AND HYSTERESIS TEST						
AS FOUND						
LOAD	NO TARE		TARE=		TARE=	
	INDICATION		INDICATION		INDICATION	
	LOADING	UNLOADING	LOADING	UNLOADING	LOADING	UNLOADING
0 KG	0 KG					
2,000 KG	2,000 KG					
10,000 KG	10,000 KG					
20,000 KG	20,000 KG					
39,060 KG	39,060 KG					
44,360 KG	44,360 KG					

DEFINITIVE TEST						
LOAD	NO TARE		TARE=		TARE=	
	INDICATION		INDICATION		INDICATION	
	LOADING	UNLOADING	LOADING	UNLOADING	LOADING	UNLOADING

REPEATABILITY TEST						
LOAD	AS FOUND			DEFINITIVE		
	IND	IND	IND	IND	IND	IND

DISCRIMINATION/SENSITIVITY TEST			
LOAD	INDICATION	ADDED	CHANGE

ECCENTRIC LOAD TEST				
POSITION	AS FOUND		DEFINITIVE	
	LOAD	IND	LOAD	IND
1	44,360 KG	44,360 KG		
2	44,360 KG	44,360 KG		
3	44,360 KG	44,360 KG		
4				
5				
6				
7				
8				



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Method Statement for the Verification/Calibration of Non-Automatic Weighing Instruments

Scales Spares & Services Ltd are certified to verify EC approved weighing systems that conform to certificate numbers T2532 / UK2489 / UK2747 / DK0199.27 / DK0199.62 / TC6877 which in turn implements the testing requirements of BS EN 45501 section 8.2.2.

The appropriate test will be carried out in accordance with BS EN 45501 as described below:

1. **REPEATABILITY:** The load will be placed on the load receptor in a consistent way and the displayed readings noted.
2. **ECCENTRIC LOADING:** The load receptor will be segmented and a load applied to each segment.
3. **LINEARITY/HYSTERESIS:** The linearity and hysteresis test is performed using a minimum of 5 points within the weighing range of the machine.
4. **DISCRIMINATION/SENSITIVITY:** This test requires 3 different loads to be applied to the machine. An additional load equivalent to 1.4 of a scale interval is then added. This should cause a change in indication of 1 scale division.
5. **TEST VARIATIONS:** The tests may differ from the above dependant on customer requirements, conditions and availability of substitute test loads.

Method

1. Engineer to report to reception & sign in (induction if required).
2. Report to site shift managers office (or similar).
3. Obtain permit to work and sign on.
4. Place bollards around work area to ensure safe work environment.
5. A forklift truck will place traceable test weights on the weighbridge deck.
6. Whilst the forklift truck is in operation nobody will be allowed on the weighbridge deck.
7. The engineer will keep lookout to ensure people do not stray into dangerous areas.

During the tests a sample certificate will be completed, after the test it will be returned to our office, typed and posted out to the customer. Each certificate has an individual identity reference number, and complies with the UKWF code of practice.

It is the responsibility of the customer to notify the weights and measures of any adjustments that may be made during a verification / calibration visit.

Safe system

- Our engineers are supplied with safety boots, helmets, overalls, gloves, safety spectacles and high visibility jackets or vests.
- Our site tools are 110v supply. Our engineers have been trained in the safe use of hand tools.
- At no time will our engineers be under any load whilst suspended.

Risk

Verifying / calibrating weighbridges requires the use of moving vehicles and the transportation (by forklift truck) of heavy weights this will present a certain amount of risk (ie. moving vehicles, crush, trapped feet etc) good marshalling of the work site, training and years of "on the job" experience reduces the risk therefore the probability is low.

Risk/Probability Score = 3 0 = Low 10 = High

