CERTIFICATE OF CALIBRATION

SS&S Limited

UKWF
1095

CERTIFICATE No.03202

CUSTOMER DETAILS

NAME	FASTSOURCE LTD
ADDRESS	CALDER VALE ROAD
	WAKEFIELD
POST CODE	WF1 5PH

MACHINE DETAILS

INDICATOR MANUF/TYPE	VISHAY / VT300A
INDICATOR SERIAL No	T12310501
SCALE TYPE	WEIGHBRIDGE
BASE WORK MANUF/No	S S S LTD / -
SOFTWARE VERSION	-
CAPACITY	50,000 KG
INCREMENTS	20 KG
LOCATION	AS ABOVE

CALIBRATION DETAILS

NEXT CERTIFICATE DUE	11.2025
DATE OF CALIBRATION	12.12.2024
TEST WEIGHT CERT NO	10108
ENGINEERS NAME	ANDREW SAVILLE
SIGNATURE	*Andrew P. Saville*

LINEARITY AND HYSTERESIS TEST

			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					
39,580 KG	39,580 KG					
43,980 KG	43,980 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

ECCENTRIC LOAD TEST

	AS FOUND		DEFINITIVE	
POSITION	LOAD	IND	LOAD	IND
1	43,980 KG	43,980 KG		
2	43,980 KG	43,980 KG		
3	43,980 KG	43,980 KG		
4				
5				
6				
7				
8				

ECCENTRIC LOAD LINE DIAGRAM

S S & S

Limited

MANUFACTURER OF QUALITY WEIGHING EQUIPMENT

Method Statement for the Verification/Calibration of Non-Automatic Weighing Instruments
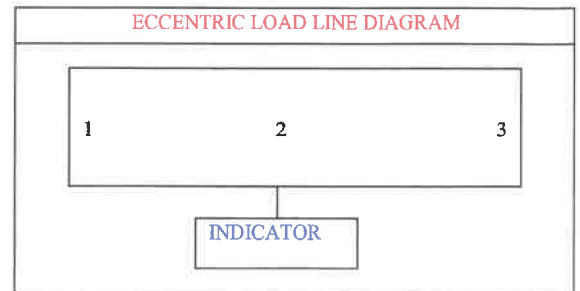
The appropriate test will be carried out in accordance with BS EN 45501 and the UKWF code of practice as described below:

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 emailed 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