

**Certificate of calibration****Class III****Conforming to EN 45501 Clause 8.2****Verification**

<b>Date of test</b>	<b>23<sup>rd</sup> August 2021</b>	<b>Environmental conditions</b>	<b>Still Day</b>
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<b>Customer:</b>	<b>Sharp Skips</b>
<b>Address:</b>	<b>Albright Ind Estate Ferry Lane Rainham Essex RM13 9HA</b>

**Verification of conformity to type**

<b>Indicator approval No</b>	<b>UK2931</b>	<b>Load cell approval No</b>	<b>R60/2000-NL1-10.15</b>
<b>Manufacture</b>	<b>Dini Argeo</b>	<b>Manufacture</b>	<b>Zemic</b>
<b>Type / Serial No</b>	<b>3590 05137166</b>	<b>Type</b>	<b>HM9E-65K</b>
<b>Max</b>	<b>50,000kg</b>	<b>Drawing No</b>	<b>4-m-797</b>
<b>Min</b>	<b>400kg</b>		
<b>e</b>	<b>20kg</b>		

**Serial numbers of load cells and position**

<b>1</b>	<b>WA177128</b>	<b>5</b>	
<b>2</b>	<b>WA177125</b>	<b>6</b>	
<b>3</b>	<b>WA177162</b>	<b>7</b>	
<b>4</b>	<b>WA063284</b>	<b>8</b>	

**Details of test weights used**

<b>New City Scales, certificate No</b>	<b>TR11207-TR11208</b>
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**Stickers applied**

<b>CE</b>	<b>✓</b>	<b>Seal Stickers</b>	<b>✓</b>
<b>Green M</b>	<b>✓</b>	<b>Red M</b>	
<b>Notified body No</b>	<b>✓</b>	<b>Crown</b>	

<b>Pass</b>	<b>✓</b>	<b>Fail</b>	
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<b>Authorised Persons Name</b>	<b>Tony Rawlinson</b>
<b>Checked by:</b>	

**New City Scales, Unit 3a The Hollows, Winslow Road, Little Horwood, Milton Keynes, MK17 0PD. Tel: 00 44 (0) 1296 714477**

## **UK CA** DECLARATION OF CONFORMITY

**Product :** Non Automatic Weighing Indicator Class **III**

Model designation. 3590E, CPWE,DFW and DGT  
Description Non-Automatic weighing instrument  
UK/EU Type Approval Certificate. UK 2931 revision 5  
UK/EC Test Certificate. R76/2006-GB1-11.02  
Serial Number. 05137166

**Indicator Manufacturer:** **Dini Argeo S.r.l**

**Address :** Via Della Fisica 20, 41042 Spezzano di Fiorano,  
Modena, Italy

*NMO (Notified body 0126) are the issuer of the UKCA Type Approval Certificate under NAWI Regulation 2016-1152 as amended for Module B BS Type examination (Annex II .1)*

*Conformity to the following directives is demonstrated by reference to the following harmonised standards, technical documentation and established by appropriate tests.*

<b>NAWI 2016/1152/amended</b>	Meets the essential requirements as detailed in Annex 1 of this directive.
<b>EMC SI 2016/1091</b>	BS EN61000-6-2 / 2005, BS EN 61000-6-4:2011, BS EN 61326-1 / 2013, BS EN55011:2009/A1:2010 BS EN45501:2015 – As above - Immunity is compliant to the requirements of Annex B of this standard.
<b>LVD SI 2016/1101</b>	BS EN61010-1 / 20110

*This Declaration for the 3590ET weight indicator is issued under the sole responsibility of the manufacturer.*

*The weight indicator has been manufactured in conformity with the technical documentation, under an ISO9001 Quality Management System approved by NMO, registration certificate Number 0126 -0069.*

**Company Representative:- Marco Bertoni** President 6<sup>th</sup> November 2017.

*Note: - the declaration as above may be used as part of a dossier of declarations and is the relevant declaration for the weight indicator.*

### **Instrument Details.**

Name and address of the Manufacturer of the completed instrument. :-	New City Scales Unit 3 A The Hollows Winslow Road Milton Keynes MK17 0PD				
Notified Body issuing the Approval for Module D: Conformity to type in accordance to BS EN45501:2015 and BS EN45501:1992 for module B. Based on Quality Assurance on the production process NAWI Regulation 2016/1152/Amended) :-	NMO Stanton Avenue Teddington TW11 0JZ Notified Body Number: 0126				
Scale Model	NCSM 15m	Loadcell Type	HM9E-65K-C3	Test Certificate	R60/2000- NL1-10.15
Scale Capacity.	50,000 kg	Display Increment	20 kg	Indicator Number(s)	05137166

*This completed declaration encompassing the completed instrument is issued under the sole responsibility of the manufacturer.*

*By signing this declaration I confirm that each individual instrument, as listed, is in conformity with the type described in the UK/EU Type Approval Certificate and satisfies the applicable requirements of the NAWI Regulation 2016/1152/ Amended*

The UKCA Verification is for the following place of installation / location / area of use:

**Sharp Skips, Albright Ind Est, Ferry lane, Rainham, Essex, RM13 9HA**

### **New City Scales Representative:-**

Attested by: - Tony Rawlinson

Position: - Engineer

Date :- 23<sup>rd</sup> August 2021

Customer: Sharp Skips, Albright Ind Estate, Ferry Lane, Rainham, Essex, RM13 9HA

Date: 23<sup>rd</sup> August 2021

Equipment: Dini Argeo 3590 sn'05137166 / NCSM 15 m Pit Weighbridge

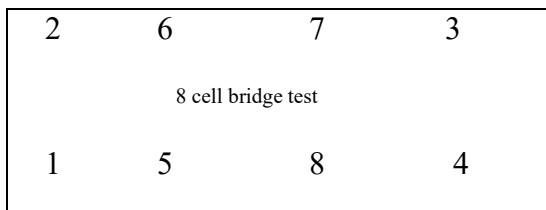
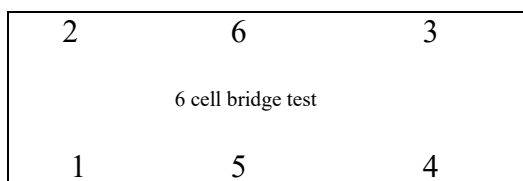
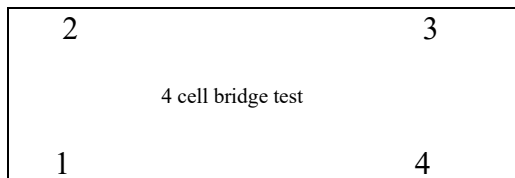
**LINEARITY AND HYSTERESIS**

ERROR AT ZERO = 0 e

**INCREASING LOADS**

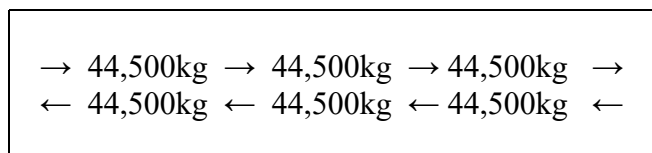
**DECREASING LOADS**

Load Applied	load indicated	CPW	error g/kg			Load Applied	load indicated	CPW	error g/kg		
			Ec		#				Ec		
400kg	400kg	5	0	0	#	400kg	400kg	5	0	0	
2,000kg	2,000kg	5	0	0	#	2,000kg	2,000kg	6	-.1	-2	
6,000kg	6,000kg	5	0	0	#	6,000kg	6,000kg	5	0	0	
10,000kg	10,000kg	5	0	0	#	10,000kg	10,000kg	5	0	0	
12,000kg	12,000kg	6	-.1	-2	#	12,000kg	12,000kg	5	0	0	
16,000kg	16,000kg	5	0	0	#	16,000kg	16,000kg	4	+.1	+2	
18,000kg	18,000kg	5	0	0	#	18,000kg	18,000kg	5	0	0	
20,000kg	20,000kg	5	0	0	#	20,000kg	20,000kg	5	0	0	
24,400kg	24,400kg	5	0	0	#	24,400kg	24,400kg	5	0	0	
Substitution load applied	20,080kg	5	0	0	#						
10,000kg	30,080kg	3	+.2	+4	#						
10,000kg	40,080kg	2	+.3	+6	#						
Forklift	44,500kg	2	+.3	+6	#						



Cell number	reading	cpw / error
1	16000kg	8cpw -.4e -8kg
2	16000kg	1cpw +.4e +8kg
3	16000kg	3cpw +.2e +4kg
4	16000kg	4cpw +.1e +2kg
5		
6		
7		
8		

**Rolling Road Test**



Load	E1	E2	E3	A.V
Half	0	-.1	0	.1
Full	+.3	+.2	+.2	.1