TTP ELEMENTS LIMITED
486 Braunstone Lane, Leicester, LE3 3DG
Tel: 0116 289 3555/ 07980 700989
Email: info@ttpelements.co.uk

CALIBRATION & PERFORMANCE VALIDATION CERTIFICATE

Service Report Number	01398
Valid From	02.07.26
Valid To	01.07.27
VALIDATION RESULT	PASS

Certificate Number	01804

Site Name/Address	ALBERT BARTLETT
Site Contact	CARLOS RUSSO

LINE DETAILS
Line Number: PL07 X-RAY | Ambience: CHILLED / FROZEN | Supermarket Specification: BRC

MACHINE DETAILS
Serial Number: AXRS4197-60175F | Conveyor Serial: ACVS4198-60176F | Make/Model: LOMA X5c X-RAY

PRODUCT DETAILS

Number/ Name	Description	Packaging	Product Height
2, SEA SALT	SEA SALT CHIPS	CARD	50 MM

BUILD PARAMETERS

Aperture (mm)	Height: N/A	Width: N/A	Threshold	N/A	
PEC Length (mm)	N/A		Comp / Phase	N/A / N/A	
Coil Gap (mm)	N/A		Drive / Power	N/A	
Band No.	N/A		Frequency	N/A	
Belt Speed	38 M/M		Working Mode	N/A	
Fixed	N/A	Variable YES	Gain	P: N/A	Q: N/A

PERFORMANCE RESULTS

Customer Test Pack used? ☑

D.V.M Cert No. 427032

Ferrous (mm) 1.5 S/N: 09001

20mm Larger Ferrous, S/N: SU010871

Non Ferrous (mm) 2.5 S/N: 091278Q

Glass (mm) N/A S/N: N/A

Stainless Steel (mm) 2.5 S/N: 31507086

Ceramic (mm) N/A S/N: N/A

CHECKWEIGHING

Nominal Weight		Target Accept	
T1		Reject High	
T2		Zone of Indecision	

CALIBRATED WEIGHTS

Test Weight	UKAS Cert No.	Tested	Passed
50g	11117146		
100g	11117147		
200g	11117148		
500g	11117149		
1000g	AE895853		

FAILSAFES

Type of Reject: AIR BLAST

	PASS	FAIL	N/A
Photogating Sensor	☐	☐	☑
Binfull Sensor	☑	☐	☐
Binfull Test Facility	☑	☐	☐
Bin Door Monitor	☐	☐	☑
Controlled Restart	☑	☐	☐
Interlocks on Hatches	☑	☐	☐
Air Pressure Failure	☑	☐	☐
Reject Confirmation Sensor	☑	☐	☐
Reject Confirmation Test Sw	☑	☐	☐
Visual/ Audible Alarm	☑	☐	☐
Reject Memory Test	☑	☐	☐
Consecutive Rejects	☑	☐	☐
Tunnel Guard	☑	☐	☐

X-RAY
Model: X5c X-RAY | Radiation Certificate No.: 00055

Run kV	30	Run mA	2.0
Basic	10	Explorer	140
Sensitivity	HIGH	Gain	MED
Interlock Working	YES		
Filters Used	2, 4, 8		
X-Ray Modules	10		
X-Ray Diode Pitch	0.8		
Guards/Skirts Checked	YES		

Engineer Print	TRUSHAL PARMAR	Engineer Signature	

Company Registration No: 12227628

TTP ELEMENTS LIMITED
486 Braunstone Lane, Leicester, LE3 3DG
0116 289 3555 / 07980 700989
info@ttpelements.co.uk
ttpelements.co.uk

Radiation Certficate No: 00055

CRITICAL EXAMINATION / RADIATION SURVEY REPORT
X-RAY INSPECTION UNITS

Unit Details

Customer: ALBERT BARTLETT
Address: NORTH WALSHAM
Model: LOMA X5C
Serial Number: AXR54197-60175F
Year of manufacture: 2019
Line details: PL07

Reason for Survey:
Installation ☐ Service ☑ Relocation ☐ Other (please specify) _____

Radiation Monitor

Model: MINI 900 AMB
Serial No.: 20337
Calibration Date: 06.01.26

X-Ray Checks

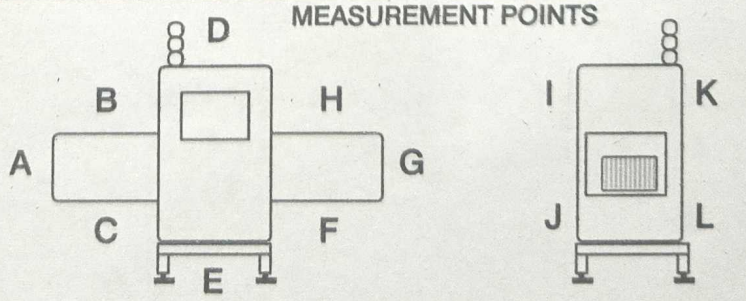
Tube settings: 50 kV 1.6 mA

Customer Information Provided		☑				
Guarding Fitted		☑				
Power On Warning	Labelled	☑	Visible from both sides	☑	Operational	☑
X-Ray On Warning	Labelled	☑	Visible from both sides	☑	Operational	☑
Fault/Pre-warm lights	Labelled	☑	Visible from both sides	☑	Operational	☑
Emergency Stop	Labelled	☑	Visible from both sides	☑	Operational	☑
Conveyor Interlocks	Fitted	☑	Operational	☑		
X-Ray Warning Labels fitted			Infeed	☑	Outfeed	☑
Lead Curtains Checked		☑				

External Dose <1µSv/h

A-Left Aperture	0.1	G-Right Aperture	0.1
B-Left Top	0.1	H-Right Top	0.1
C-Left Bottom	0.1	I -Front Top	0.1
D-Main Top	0.1	J- Front Bottom	0.1
E-Main Bottom	0.1	K-Back Top	0.1
F-Right Bottom	0.1	L- Back Bottom	0.1

MEASUREMENT POINTS



Certified by: T PARNELL Date 02/07/26

Signature: _____