

Report No: Job Ref: 

Doc 66

Todd

ENGINEERING

SPRAYBOOTH COMMISSIONING REPORT

B10

Company:	WALTONS MERCEDES	Date of Commissioning:	25/10/2019
Address:		Manufacturer:	TODD
		Model:	HERCULES
Postcode:		Spraybooth ID:	B10 - Booth 4
Phone:		Airflow Rating:	30,000 cfm/m ³ hr ⁻¹
Contact:		Next Service Due:	25/10/2020
		Engineer:	MARK HEWLIN

Extraction Type:	☐ Rear Extract ☒ Downdraft ☐ Side Extract
Extract Filter Type:	E02 / E03
Extract Filter Size:	1000 x 8000 Qty: 4
Input Filter Size:	1000 x 2700 Qty: 6

Extract Fan(s) Type:	WOODS BIFURCATED AXIAL	Rating:	4	kW	Qty:	1							
Input Fan(s) Type:	WOODS BIFURCATED AXIAL	Rating:	4	kW	Qty:	1							
Inverter Settings (Spray):	Extract: 47 Hz	Input:	34 Hz										
(Bake):	Extract: 10 Hz	Input:	35 Hz										
Fuel Type:	☐ Natural Gas ☒ L.P.G. ☐ Oil	Rated Output:	170 BTU'S/kW										
Burner Make:	NU-WAY	Burner Model:	56170 Qty: 1										
Extract Damper Position:	100% open	Input Damper Position:	100% open										
Filter Face Velocities:	<table border="1"> <tr> <td>FV1.1</td> <td>FV1.2</td> <td>FV1.3</td> <td>FV1.4</td> <td>FV1.5</td> <td>FV1.6</td> </tr> <tr> <td>FV2.1</td> <td>FV2.2</td> <td>FV2.3</td> <td>FV2.4</td> <td>FV2.5</td> <td>FV2.6</td> </tr> </table>	FV1.1	FV1.2	FV1.3	FV1.4	FV1.5	FV1.6	FV2.1	FV2.2	FV2.3	FV2.4	FV2.5	FV2.6
FV1.1	FV1.2	FV1.3	FV1.4	FV1.5	FV1.6								
FV2.1	FV2.2	FV2.3	FV2.4	FV2.5	FV2.6								
Spraybooth Clearance Time:	1 min 20 sec	Booth Spray Pressure:	-13/-18 Pa										
Bake Temp reached in:	6 min 30 sec	Booth Spray Pressure:	+5 Pa										
Lighting Type:	LED	Size:	1310 Qty: 12										
Motor Load Tests:	<table border="1"> <tr> <td>Extract:</td> <td>U1(A)</td> <td>V1(A)</td> <td>W1(A)</td> <td>OVERLOAD (A)</td> </tr> <tr> <td>Input:</td> <td>U2(A)</td> <td>V2(A)</td> <td>W2(A)</td> <td>OVERLOAD (A)</td> </tr> </table>	Extract:	U1(A)	V1(A)	W1(A)	OVERLOAD (A)	Input:	U2(A)	V2(A)	W2(A)	OVERLOAD (A)		
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Input:	U2(A)	V2(A)	W2(A)	OVERLOAD (A)									

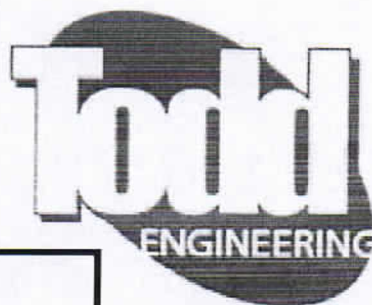
Work Complete Yes/No	Spraybooth Hours Run:	5
Engineers Signature:	Date:	
Customer Signature:	Print Name:	

Todd Engineering Ltd

Head Office

Gregory Works, Armitage Road, Rugeley, Staffordshire, UK. WS15 1PW.
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www.toddengineering.co.uk



CERTIFICATE OF CONFORMITY DEFRA PG6/34(11)

ISSUED BY: TODD ENGINEERING LTD

DATE OF ISSUE: 25/10/2019
VALID TO: 24/10/2020*

CERTIFICATE NO: EC6348



TODD ENGINEERING LTD
Gregory Works, Armitage Road,
Rugeley, Staffordshire, WS15 1PW
Tel: +44(0) 845 017 6465 Fax: +44(0) 845 017 6466
Email: a.turner@toddengineering.co.uk

APPROVED SIGNATORY

FOR: C Waltons Mercedes
LOCATION: Wyton
Huntington
Cambridgeshire
PE28 2EA
CONTACT: Ian Strong
SPRAYBOOTH ID: Hercules 4
HRS RUN: 00005

A TURNER
Sales Manager

This is to certify that the spraybooth specified above has been designed, commissioned and tested, to meet the following requirements of DEFRA PG6/34(11).

Para 5.6	Introduction of pressure gauge/audible alarm equipment shutdown facility.
Para 5.14	Extract vent height raised to Local Authority requirements, <u>Without cap, Actual height 3m</u>
Para 5.17	Booth Extract Duct 1: Discharge vent diameter.....630 mm diameter Efflux velocity.....15.00m/sec
Para 5.7	To reduce particulate matter discharge below 10mg/Nm ³
Extract Filtration	Stage 1: Paint Stop 220g/m ² Glass Fibre 50mm (EU2)
Emission Abatement	Stage 2: Blue Synthetic Fibre Filter G3 FL200 20mm (EU3) Combined Total Arrestance (clean)...98.74%
Extract Air Velocity	15.75 m ³ second (Actual)

*CERTIFICATE VALID TO DATE SHOWN UNLESS 1000HRS OPERATION IS REACHED BEFORE EXPIRATION DATE

Directors: C.M. Todd, I. Todd, Mrs M. Todd (secretary)
Registered in England No. 4730821 • VAT Reg No. 881 0118 45

**CAUTION**

B10 - Booth 4

Smoke Test Clearance Time

Spraybooth ID: Todd Hercules 4
Certificate No: ST7155
Test Date: 25 October 2019
Re-Test Due: 24 October 2020
Tested By: M Hewkin
Location: C Waltons Mercedes,
Wyton, Cambridgeshire

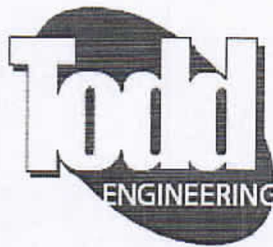
Until Clearance Time has elapsed

1. Do not enter booth without wearing RPE.
2. Do not remove any RPE when in the booth.
3. Be aware of the hidden risk of inhaling Isocyanate.

Complies with guidelines as issued by Health & Safety Executive and Fire & Environmental Department.

1 Minute(s) 20 Seconds

APPROVED SIGNATORY



A. TURNER
Service Manager



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