

Report No:

Job Ref:



2

Doc 64

**Todd**  
ENGINEERING

B10

# SPRAYBOOTH COMMISSIONING REPORT

Company:

WALTONS MERCEDES

Date of Commissioning:

25/10/2019

Address:

Manufacturer:

TODD

Model:

HERCULES

Spraybooth ID:

B10 - Booth 2

Postcode:

Airflow Rating:

30,000 cfm/m<sup>3</sup>hr<sup>-1</sup>

Phone:

Next Service Due:

25/10/2020

Contact:

Engineer:

MARK HEWKIN

Extraction Type:

Rear Extract

☒ Downdraft

Side Extract

Extract Filter Type:

EU2 / EU3

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:

SB170

Qty:

1

Extract Damper Position:

111

%open

Input Damper Position:

111

%open

Filter Face Velocities:

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:

15

Pa

Lighting Type:

LED

Size:

1310

Qty:

12

Motor Load Tests:

Extract:

U1(A)

V1(A)

W1(A)

OVERLOAD (A)

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, WS15 1PW, UK

**T:** +44 (0)845 017 6465 **T:** +44 (0)1889 503770 **F:** +44 (0)845 017 6466 **W:** www.toddengineering.co.uk

**Directors:** C M Todd L Todd Mrs M Todd (Secretary) **Registered in England No:** 4730831 **VAT Reg No:** 991 011 045

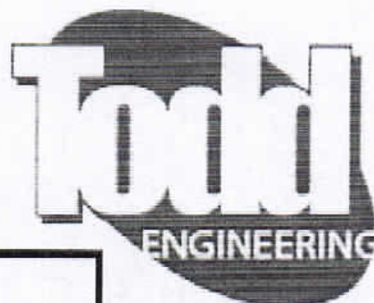


Todd Engineering Ltd

Head Office

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## 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: EC6346



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

A TURNER  
Sales Manager

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

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).

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

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

Directors: C.M. Todd, L. Todd, Mrs M. Todd (secretary)  
Registered in England No. 4730821 • VAT Reg No. 881 011845





**CAUTION**

B10 - Booth 2

## Smoke Test Clearance Time

Spraybooth ID:	<u>Todd Hercules 2</u>
Certificate No:	<u>ST7153</u>
Test Date:	<u>25 October 2019</u>
Re-Test Due:	<u>24 October 2020</u>
Tested By:	<u>M Hewkin</u>
Location:	<u>C Waltons Mercedes, Wyton, Cambridgeshire</u>

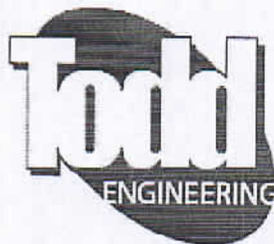
### Until Clearance Time has elapsed

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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