

Report No: Job Ref: 

B10

# SPRAYBOOTH COMMISSIONING REPORT

|           |                  |                        |  |
|-----------|------------------|------------------------|--|
| Company:  | WALTONS MERCEDES | Date of Commissioning: | 25/10/2019                                 |
| Address:  |                  | Manufacturer:          | Todd                                       |
|           |                  | Model:                 | HERCULES                                   |
| Postcode: |                  | Spraybooth ID:         | B10 - Booth 1                              |
| Phone:    |                  | Airflow Rating:        | 30,000 cfm/m <sup>3</sup> hr <sup>-1</sup> |
| Contact:  |                  | Next Service Due:      | 25/10/2020                                 |
|           |                  | Engineer:              | MARK HEWSON                                |

|                      |   |
|----------------------|---|
| Extraction Type:     | Rear Extract <input checked="" type="checkbox"/> Downdraft <input type="checkbox"/> Side Extract <input type="checkbox"/> |
| 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:       | WOOD BIFURCATED AXIAL  | Rating                 | 4                     | kW        | Qty:         | 1     |
| Input Fan(s) Type:         | WOOD 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 <input type="checkbox"/> L.P.G. <input checked="" type="checkbox"/> Oil <input type="checkbox"/> | Rated Output:          | 170 BTU'S/kW          |           |              |       |
| Burner Make:               | NU-WAY   | Burner Model:          | SG 170 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: | +5 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

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Directors: C. M. Todd L. Todd Mrs M. Todd (Secretary) Registered in England No: 4730021 VAT Reg No: 991 011 045



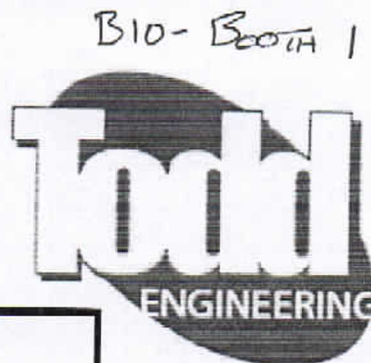
Todd Engineering Ltd

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: EC6345

**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  
 Huntingdon  
 Cambridgeshire  
 PE28 2EA

CONTACT: Ian Strong

SPRAYBOOTH ID: Hercules 1

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, Without cap, Actual height 3m
- 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<sup>3</sup>
- Extract Filtration**  
**Emission Abatement** Stage 1: Paint Stop 220g/m<sup>2</sup> Glass Fibre 50mm (EU2)  
 Stage 2: Blue Synthetic Fibre Filter G3 FL200 20mm (EU3)  
 Combined Total Arrestance (clean)...98.74%
- Extract Air Velocity** 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, I. Todd, Mrs M. Todd (secretary)  
 Registered in England No. 4730821 • VAT Reg No. 881 0118 45





**CAUTION**

B10 - Booth 1

## Smoke Test Clearance Time

|                 |  |
|-----------------|--|
| Spraybooth ID:  | Todd Hercules                                |
| Certificate No: | ST7152                                       |
| Test Date:      | 25 October 2019                              |
| Re-Test Due:    | 24 October 2020                              |
| Tested By:      | M Hewkin                                     |
| Location:       | C Waltons Mercedes,<br>Wyton, Cambridgeshire |

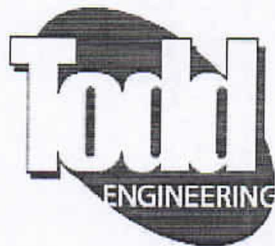
### Until Clearance Time has elapsed

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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