

HEAD OFFICE:

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Doc 75

CERTIFICATE OF CONFORMITY DEFRA PG6/34(11)

ISSUED BY: **Spraybooth Service and Maintenance Ltd**

DATE OF ISSUE: 19/08/2020
VALID TO: 18/08/2021

CERTIFICATE NO: EC6748



Spraybooth Service and Maintenance Ltd
Unit 40 Trent Valley Trading Estate,
Station Road, Rugeley, Staffs, WS15 2HQ

Tel: 01889 343115
Email: sales@ssm-limited.co.uk

FOR: C. Waltons – Wyton

LOCATION: Wyton
Cambridgeshire
PE28 2EA

CONTACT:

SPRAYBOOTH ID: Todd/ Spartan W16 – 1

HRS RUN: 00749

APPROVED SIGNATORY

Chris Todd
Managing Director

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).

<u>Para 5.6</u>	Introduction of pressure gauge/audible alarm equipment shutdown facility.
<u>Para 5.14</u>	Extract vent height raised to Local Authority requirements, <u>Without cap, Actual height</u> 3m
<u>Para 5.17</u>	<i>Booth Extract</i> <i>Duct 1:</i> Discharge vent diameter..... 800 mm diameter Efflux velocity..... 15.00m/sec
<u>Para 5.7</u>	To reduce particulate matter discharge below 10mg/Nm ³
<u>Extract Filtration</u>	Stage 1: Paint Stop 220g/m ² Glass Fibre 50mm (EU2)
<u>Emission Abatement</u>	Stage 2: Blue Synthetic Fibre Filter G3 FL200 20mm (EU3) Combined Total Arrestance (clean)...98.74%
<u>Extract Air Velocity</u>	15.75 m³ second (Actual)

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

Certificate of Service

is officially issued to
C. Waltons – Wyton

For a spraybooth service performed by:

S. Roberts

at

Wyton, Cambridgeshire, PE28 2EA

Booth Type: Spartan W16 - 1

Date Serviced:
19/08/2020

Next Service Due:
18/08/2021

APPROVED SIGNATORY



Rhian Allen
Operations Manager

Tel: 01889 343 115

E-mail: sales@ssm-limited.co.uk

Web: www.toddengineering.co.uk/servicing



Todd Engineering

Gregory Works
Armitage rd
Rugeley
WS15 1PW

Tel: 01899 343115

Email:
sales@toddengineering.co.uk
Web:www.toddengineering.co.uk

Data No: 210820207

Report No:
LEV/AT/210820207

In Partnership with SRR Ltd

IMPORTANT DOCUMENTATION!
MUST BE RETAINED FOR A PERIOD OF AT LEAST 5 YEARS

REPORT ON INITIAL THOROUGH EXAMINATION AND TEST

1. Client Details

	Company Name	C Waltons
1b.	Address	Crash Gate 3, A141 Upwood Road, Wyton, Huntingdon, PE28 2DU
1c.	Contact in charge of LEV	Ian Strong

2. Final Assessment on Level of Control:

2.a	Satisfactory	✓	2b.	Is the system used properly?	YES
	Unsatisfactory		2c.	Is the system in good repair?	YES
	Uncertain*		2d.	Is the system clean?	YES

*Uncertain: have air sampling and personal exposure monitoring.

3. Summary Action Plan

Item in LEV system	Action Required	Priority	Person to take action	Target Date	Date Completed
Item:					
Examiner Name:	Signature:				
Date:					

*Priority – e.g. 1 = high, 2 = normal, 3 = routine

Examiner: Pink Boxes – Employer: Yellow Boxes

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4. System Information

4a.	System ID	Todd Spartan W16-Wheel Booth
4b.	Location	Workshop
4c.	Process	Paint Spraying
4d.	Hazardous Substance	Isocyanates/Paint/Vapours/Fumes
4e.	Interval between routine examinations	12 months
4f.	Date of last examination and test	NK
4g.	Date of installation	NK
4h.	Have there been any changes to the system or the process since the last thorough examination and test?	No

If the answer is YES to 4h. Complete Section 5

5. System/Process Changes

5a.	Have the materials processed changed?	No
5b.	Have the work procedures changed?	No
5c.	Have the layout of the system changed in any way?	No

6. Visual Examination Report

	Item	Condition
6a.	Capture hood/Receptor hood/Enclosure	<i>Satisfactory</i>
6b.	Ducting	<i>Satisfactory</i>
6c.	Air mover (fans)	<i>Satisfactory</i>
6d.	Discharge	<i>Satisfactory</i>
6e.	Filters/Air cleaning devices	<i>Satisfactory</i>
6f.	Monitoring Instruments	<i>Satisfactory</i>

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6g.	Dampers	Satisfactory
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7. Hoods/Enclosures

7a.	Hood(s) Type/Description	Fully enclosed booth
7b.	No. of Hoods on System	2
7c.	Max. No. of Hoods to be used at any time	2

7d.

Hood ID	Hood Open Area (m2)	Face Velocity	Capture Distance	Volume Flow Rate (m3/h-1)
		Actual (m/s)	Measured (m)	
H1.1		0.5		
H1.2		0.5		
H1.3		1.0	4	10765
H1.4		0.7		
H1.5		0.9		
H1.6		1.0		
H1.7		0.6		
H1.8		0.5	4	10831

7e.	System Total Volume (m3/n-1)	21596
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7f.	Process Conditions at time of test	Process stopped at time of test
7g.	Instruments used and Serial No.	Rotating Vane Anemometer Benech GM8902
7h.	Hood static gauges fitted?	NO
7i.	Hood pass/fail stickers fitted?	NO

8. Ducting

8a.	Type/Description	Various/630mm
8b.	Air Temp in ducts	16.9°C
8c.	Stack height and termination type	3000mm/Accelerator cone
8d.	Damper settings	N/A

8f.

Test Point ID	Diameter/Dimension (mm)	Duct Velocity Actual (m/s)	Duct Volume Flow (m ³ /h-1)
TP1	19mm	10.94	12277
TP2	19mm	11.30	12681

8g.	Instruments used and Serial No.	Testo 405i Serial Number 48927897
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9. Input Fan Data

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9a.	Make/Model	Todd Engineering
9b.	Serial No.	BIF-AX287
9c.	Type	Axial
9d.	Motor Make/Model	TEC/4kW
9e.	Motor Rating/Current	4kW/7.5A
9f.	Transmission	Direct Drive
9g.	Rotational Direction	Clockwise
9h.	Check Rotational Direction	SATISFACTORY

10. Extract Fan Data

10a.	Make/Model	Todd Engineering
10b.	Serial No.	BIF-AX288
10c.	Type	Axial
10d.	Motor Make/Model	TEC/4kW
10e.	Motor Rating/Current	4kW/7.5A
10f.	Transmission	Direct Drive
10g.	Rotational Direction	Clockwise
10h.	Check Rotational Direction	SATISFACTORY

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11. Filter/Air Cleaning Devices

11a.	Make/Model	Todd Engineering
11b.	Type	Paintstops EU2/EU3 Pre-Fibre glass filter media
11c.	Filter Media	Axial
11d.	Filter Cleaning Function Check	Fitted
11e.	Monitoring Gauges Operational Check	N/A
11f.	Recirculation of Filtered Air?	SATISFACTORY
11g.	Recirculation of Filtered Air?	NO

12. Return of Exhaust Air to Workroom

	Applicable	✓	Not Applicable
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12a.	Filter efficiency		Measurement Technique
12b.	Estimate of concentration in returned air		
12c.	Comments		
12d.	Recommendations and priority		

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13. Make-Up Air

13a.	Adequate quantity	YES	Measurement Technique
13b.	Induced Draughts	N/A	
13c.	Comments	NONE	
13d.	Recommendations	NONE	

14. Make-Up Air Filters

14a.	Make/Model	Todd Engineering
14b.	Type	EU5-EN779-F5
14c.	Filter Media	FITTED
14d.	Monitoring gauges operational check	SATISFACTORY

15. Alarms

15a.	Hood/Enclosure	SATISFACTORY
15b.	Duct	SATISFACTORY
15c.	Air Cleaner	SATISFACTORY
15d.	Air Mover	SATISFACTORY
15e.	Returned Air	N/A
15f.	Comments	NONE
15g.	Recommendations	NONE

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16. Qualitative Tests

16a. Method Used

✓	Smoke Release		Tyndall Beam
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16b.	Qualitative Containment Test Report	Smoke test confirmed that no contaminants were released into the workshop and were contained by the LEV system. Smoke test evacuation time recorded and certification to be supplied by SSM Ltd.
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17. Statement of System Performance Specification

The LEV system performed within the specification and met the minimum requirements for face velocities and duct transport velocities as stated in HSG258. The qualitative tests confirmed visually that the system was containing the contaminants.

Date next Test due:	20/08/2021
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Test Company:	SRR Ltd
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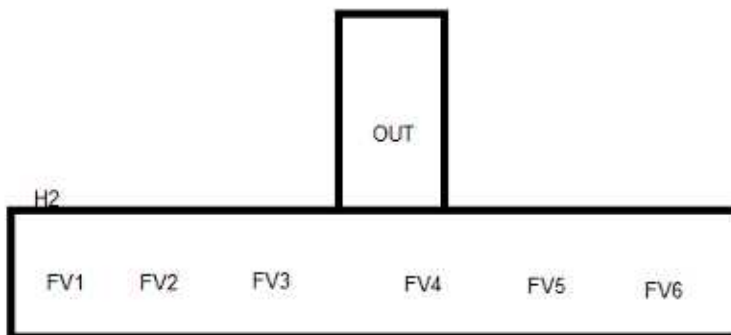
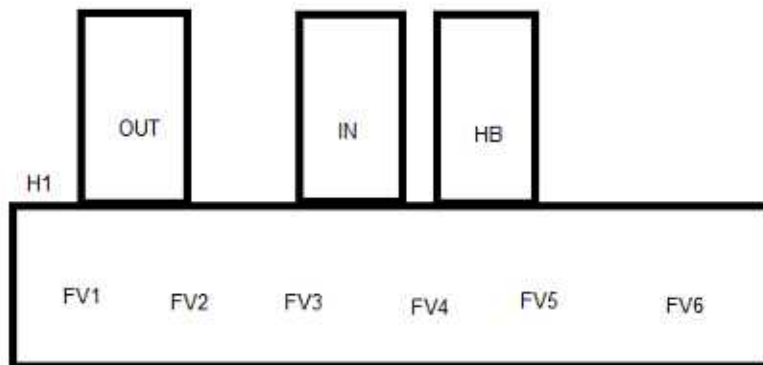
Examiner Name:	J Manuel
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Date:	21/08/2020
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CAUTION

Smoke Test Clearance Time

Spraybooth ID: Todd/Hercules W16 - 1

Certificate No: ST7412

Test Date: 19th August 2020

Re-Test Date: 18th August 2021

Tested By: S. Roberts

Location: C. Waltons
PE28 2EA

Until Clearance Time has Elapsed

1. Do not enter booth without wearing PPE
2. Do not remove any PPE 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.

2 Minute(s) 03 Seconds



Spraybooth Service & Maintenance Ltd



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Chris Todd
Managing Director



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Web: www.toddengineering.co.uk