



Certificate of Conformity and Compliance

The project conforms to:

1. Health & Safety at Work with specific reference to PM25 and COSHH
2. COSHH Regulations: 2002, with regard to Local Exhaust Ventilation and Air Circulation Machinery / Plant.
3. Health and Safety Executive Guidance note HSG 258, Controlling Airborne Contaminants at work, A Guide to Local Exhaust Ventilation (LEV).
4. Our equipment complies fully with the EPA guidance notes PG6/23(97), PG6/29(97) and PG6/34b(06). For installations to conform to PG6/34b(06) guidance note, extract chimney heights of 3m above building ridge are normally required.
5. The Electricity at Work Regulations: 1989, with regards to hazardous environments. HSR25 (Third edition)
6. The Gas Safety (Installation and Use) Regulations: 1998.
7. BS 7671:2018 Requirements for Electrical Installations (IET Wiring Regulations, 18th Edition).

Local Exhaust Ventilation (LEV) – Certificate of Conformity on Commissioning:

The equipment/product uses Local Exhaust Ventilation (LEV) and Air Circulation machinery/plant and as such complies with the relevant regulations from COSHH Regulations. Harmful emissions are controlled and comply with the Environmental Protection Act 1990.

This is to certify that on commissioning the equipment/product by an Approved Engineer, was adjusted to give a **neutral** or **negative** air pressure to prevent any risk of contaminated substances escaping from the area.

It is emphasized that the owner/occupier/operator of the equipment/product is to check the area pressurization on a before use basis and to make necessary adjustments to the equipment if necessary. Also to ensure that the operatives working inside the area where appropriate personal protective equipment and respiratory equipment as required.

Maintenance:

For the equipment/product to maintain its performance within the specified design, it must be maintained on an 'hours run' basis and in accordance with the issued equipment Operating and Maintenance Manual. A qualified and competent person must carry out the work. Failure to comply with this requirement may compromise International and/or National statutory legislation.

Note 1:

This initial Certificate of Conformity is only valid if the extract and input filters are purchased from Rowley Spray Booths Ltd, or from their approved supplier, and is maintained at the correct intervals by Rowley Spray Booths Ltd, or their approved agents.

Note 2:

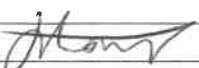
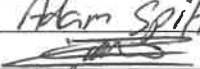
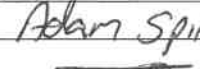
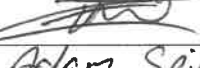
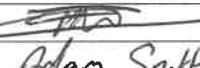
In accordance with Regulation 9 of the COSHH Regulation, all Local Exhaust Ventilation (LEV) equipment shall receive Maintenance, Examination and testing a minimum



of every 14 months. A qualified and competent engineer must carry out this work and a new certificate will be issued to this effect.

Equipment/Product Details:

The Rowley operating instructions and maintenance manual details the relevant training required to operate the plant/equipment. It is recommended that the owner/occupier/operator read this manual fully before operating the plant/equipment.

Manufacturer: Rowley Spray Booths	Owner/Occupier: Adam Spittle
Model: Aero Eco – Side Extraction	
Engineering Manager/Service Manager:	
Signature: 	Operators Trained:
Print Name: J Rowley	Print Name: Adam Spittle
Date: 02/06/26	Signature: 
Serial No: INST10270	Print Name: Adam Spittle
Commissioning/Handover Date: 02/06/26	Signature: 
	Print Name: Adam Spittle
	Signature: 
	I acknowledge that I have received a copy of the operating/maintenance manual and the equipment operators have been suitably trained.
	Signature: 
	Print Name: Adam Spittle
	Position: Manager
	Date: 1/6/26
	Customer Name: P1 Accident Repair Centre
	Address: Unit 2
	Buntsford Park Road,
	B60 3DX



AERO ECO COMMISSIONING DATA RECORD

Customer Name: P1 Accident Repair Centre		
Address: Unit 2, Buntsford Park Road, B60 3DX		
Model/Make of Spray Booth: Aero Eco 7m x 4m x 2.5m (side extraction)		
Hours run: <u>2</u>	Date: <u>1/6/26</u>	Air Clearance Time: <u>3min 20</u>
Commissioning Engineer (Print Name): <u>Scott Arnold</u>		

FAN DETAILS			
No. of Fans:	1		
Type of Fans:	Centrifugal		
Impeller Size:	400 Ø		
Motor Size:	4.0 Kw		
Motor Pulley Size:	132/3G Ø SPA		
Fan Pulley Size:	250/3G Ø SPA		
Belt Size:	3 x SPA 1557 mm		
LED Light Manufacture	Rowley Spray Booths		
Belt Tension: Force(N)/Deflection (mm)			Checked ☒
MOTOR CURRENT READINGS			
Set overload at F.L.C		☒	
	L1 (Brown)	L2 (Black)	L3 (Grey)
SPRAY	<u>7.1</u> A	<u>7.3</u> A	<u>7.2</u> A
BAKE	<u>4.9</u> A	<u>5.1</u> A	<u>5.3</u> A
EXTRACT FILTRATION		INPUT FILTRATION	
Filter Size:	3360mm x 1000mm	Filter Size:	2290mm x 1000mm 1970mm x 1000mm
Filter Type:	PR100120+PST 290	Filter Type:	F5
No. of Filters:	2 + 2	No. of Filters:	2 + 1
Filter Area(effective):	4.98m²	Filter Area (effective):	5.89m²

Specified Air Volume:	11,000 m³/hr (5885 CFM).		
Average Air Velocity:	<u>0.72</u> m/sec	Air Volume:	<u>15,266</u> m³/hr (<u>3600</u> CFM).
Maximum Negative Pressure Available on Spray Mode = <u>-20</u> Pa			

Type: <u>SG170</u>	Serial No.: <u>B280126-001 / 007</u>	Date of Manufacture: 2026
--------------------	--------------------------------------	---------------------------

AIR TEMPERATURE CHECKS

Display Calibration (°C) – Spray Mode.

Booth Display	20	22	24	26
Thermometer Display				

TEMPERATURE RISE CHART (°C) – Bake Mode

Time (mins)	Booth Display	Thermometer Display	Time (mins)	Booth Display	Thermometer Display
0			16		
4			20		
8			24		
12			28		

TEMPERATURE UNIFORMITY CHECKS. Booth temperatures steady at 22°C with the temperature sensor 1mtr above the floor at the centre of each filter frame. Note: Indicate position of each filter frame by reference to the layout drawings.

Filter Frame 1	°C	Filter Frame 3	°C	Filter Frame 5	°C	Filter Frame 7	°C
Filter Frame 2	°C	Filter Frame 4	°C	Filter Frame 6	°C	Filter Frame 8	°C

AIR FLOW CHECKS – FILTER INPUT (in m/sec) BOOTH

	.90	.65	.84	.87	.86	.78	.51	.64	.48			
D O O R S												

RECORD AIR ENTRY POINT ON PLENUM BY NUMBER:

BURNER SERIAL No.
Testing Procedure)

COMBUSTION TEST DATA (Refer to the Combustion

Over Temperature Thermostat Checked and Set At: <u>100</u> °C	Set Main Gas Volume: _____ m³/hr
Air Proving Switch Position: _____ mbar	Fan Limit Thermostat Set to: 40°C ☐ & 60 °C ☐ (Indirect Firing Only)
Burner Head Setting: <u>5</u>	Air Flap Setting: <u>14</u>

Oil	Nozzle Size	Pressure	CO ²	Smoke Reading	Flue Temp °C	Thermal Efficiency	Gas Pressure (mbar)			Gas Train Tightness
							Meter Outlet	Governor Inlet	Governor Outlet	
Gas	Fuel Rate	CFM		O ²				<u>23.22</u>	<u>0.56</u>	☒
	☐ Indirect	☒ Direct		CO	PPM		Burner Ventilation: Adequate ☒ Inadequate ☐			
	Flame Proving Current (micro amps): Pilot Flame: <u>8-9</u> Full Flame: <u>12-14</u>									
Duct Air Pressure Switch Setting: <u>0.9</u> mbar.										
Din Rail Timer Settings:										
				Suggested Setting			Actual Setting			
Over Pressure Timer:				2mins						