



Kitchen Canopies - All Stainless Steel Works
Ductwork & Steel Fabrication - Mechanical Installations
Air-conditioning - Electrical Services
Project Management & Design

Rectification Works Report For The Ventilation Services

**Pepes Piri Piri
109b Oxford Street
Reading
RG1 7UD**



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Disclaimer:

The content of this report are the opinions and recommendations of KRS Steel Services Ltd based on the information provided by the client, architect and customer. They are written “without prejudice” and not intended to be liable.

Operatives Present:

Date: 21/04/2022

P. Burke
M. Buttersworth
Patrick Burke
A. Sharred

1.00 Preface

KRS Steel Services have been commissioned to carry out the rectification works noted in their report of the 5th April 2022

The works have been carried out between the 13th April and 20th April as photographic documentation detailed following:

2.00. Odour and Grease Issues

- a. A service engineer from Purified Air were on site Wednesday 13th April to repair, clean and service the Electrostatic Preceptor (ESP) - Unit left in full working order as Purified Air Job Sheet No178018 attached
- b. KRS engineers were on site to install access doors in the back of house ductwork to allow the system to be cleaned.

Ductwork **before** access doors installed



Ductwork **after** doors installed



- c. Once the access doors were installed KRS engineers carried out a deep clean to the ducting system

Typical condition of ductwork **before** clean



Typical Ductwork **after** cleaning



d. KRS engineers whilst on site cleaned the filter housing and changed the Carbon and Pre-Filters once purchased.

Filter box and filters before cleaning - changing



Filter housing and filters after cleaning - changing



e. Supply and install an acoustic cowl over the exhaust discharge mess to provide a better visual appearance and reduce noise

Exhaust outlet **before** cowl installed



Exhaust outlet **after** acoustic cowl installed



3.00. Noise Issues and Noise Recorded

The main noise issues become a problem when the fresh air system is running full speed, and so to overcome this problem we have:

a. Removed the supply as installed next to the inlet cowl and installed inline attenuation to limit air borne noise outbreak.

Fan **before** alteration works



Fan and attenuator **after** alteration works



b. Install an acoustic inlet cowl

Inlet **before** cowl

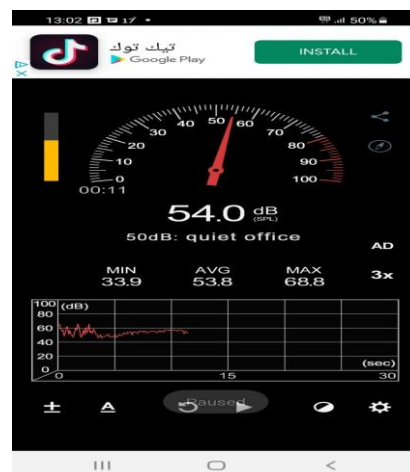


Inlet **after** cowl installed



3.01 Noise Recoded

On completion of the works we checked the back ground traffic noise at 3 metres from the outlets, with **neither** fan running, and registered 54dBa as reading below.



With both fans running the decibel level did not exceed this recording

4.00 Future Maintenance Programme

The customer has been sent an ongoing maintenance programme that needs to be signed and implemented within the next 6-8 weeks in order to maintain the efficiency of the plant installed.

5.00 Certification

This is certify that the above works have been carried out by KRS Steel Services and Purified Air and in our opinion the systems as installed comply with the specification as issued by KRS Steel Services and are fit for the purpose intended

Signed A. Marsh
Design Consultant for KRS

Date: 21/04/2022

Encl:

Purified Air Job Sheet

Job Sheet

Purified Air Limited

Lyon House
Lyon Road
Romford
Essex
RM1 2BG

Tel: +44 1708 755414
Fax: +44 1708 721488
E-Mail: enq@purifiedair.com
Web Site: www.purifiedair.com

Job Site:

Pepe's Piri Piri - Reading 109B Oxford Road Reading Berkshire RG1 7UD	Job Number:	178018		
	Logged:	08/04/2022		
	Reference:	32931 / Sage Sale		
	Job Type:	Service (Non Chargeable)	Page:	1 of 1
	Contact:	Manager	Tel:	

Job Equipment:

Equipment	Cust Equip	Visit(s)	Status	Meter
Purified Air Limited / ESP4500E / 6627 / Service Type: ESP Service		1	Done	-

Description:

ESP SERVICE : ProForma 32931
ENGINEERS ATTENDANCE TO CARRY OUT FULL SERVICE TO 1 X ESP4500E UNIT. ALSO MEASURE PRE FILTERS.

Labour Visits

Visit	Engineer Report	Eng.	Date	On	Off	Hours
1	service complete CLEANED internally replaced cells and mesh all in working order 2 bag filters standard size 2 hepa filters	AT	13/04/22	09:15	10:08	00:53

Part Description	Part Number	For Equip	Quantity
ESP Collector Cell	ESP-1601-CC	6627	3
ESP Mesh Filter 450 x 480 x 20	ESP-1501-MF	6627	6

Customer:

Name: Customer Not Present	Signature:
Date:	

Engineer:

Name: Andrew Thurlow	Signature:
Date: 13/04/2022	