



P W INDUSTRIAL SERVICES LTD PCVR-KITCHEN VENTILATION

Nutfield Church C of E Primary School

Complete

Score	15 / 15 (100%)	Flagged items	0	Actions	0
Site	Nutfield Church C of E Primary School				
Document no.	000328				
Client					
Conducted on	09.04.2024 07:37 BST				
Location	Nutfield Church Primary School, Mid St Redhill England RH1 4JJ United Kingdom (51.230739092380524, -0.13046903262564302)				
Purchase Order Number					

Summary- TR19

Has this system been cleaned fully and has it met the criteria set out in TR19.

Yes

Data for Historic Grease Deposit Levels available?

Yes- Repeat Clean

Pre-agreement with Client that a specific are NOT be cleaned?

No

Table 5 - Frequency of grease risk control clean vs average daily grease accumulation

FREQUENCY OF CONTROL CLEAN	DAILY MICRON AVERAGE ACCUMULATION RANGE
Twice weekly	28.7 upwards
Weekly cleaning	14.4 to 28.6
Every 2 weeks	9.6 to 14.3
Every 3 weeks	6.7 to 9.5
Monthly	4.8 to 6.6
Every 6 weeks	3.3 to 4.7
Every 2 months	2.2 to 3.2
Quarterly	1.7 to 2.1
Every 4 months	1.1 to 1.6
Every 6 months	0.6 to 1.0
Annually	0.5 or LESS

Table 4 Initial Clean Frequency Calculator

PERCEIVED LEVEL OF GREASE PRODUCTION	TYPICAL EXAMPLE	CLEANING INTERVALS (MONTHS) DAILY USAGE			
		up to 6 hours	6-12 hours	12-16 hours	16+ hours
Low	No significant production of grease laden aerosols during normal daily food production operations	12	12	6	6
Medium	Moderate production of grease laden aerosols during normal daily food production operations	12	6	4	3
High	Heavy, significant or continual production of grease laden aerosols during normal daily food production operations	6	3	3	2

Recommended Cleaning Interval (Months)**12**

1) Canopy Extract Plenum

200

Photo



Photo 1



Photo 2

2) Duct 1 metres from Canopy

200

Photo



Photo 3



Photo 4

3) Duct 3 metres from Canopy

200

Photo



Photo 5



Photo 6



Photo 7

4) Duct midway between canopy and fan

200

Photo



Photo 8



Photo 9



Photo 10

5) Duct upstream of fan

200

Photo



Photo 11

6) Extract Fan

200

Photo



Photo 12

7) Discharge Duct from fan

200

Photo



Photo 13

Does the duct length exceed 10m?

No

Average Micron reading

200

1) Canopy Extract Plenum

25

Photo

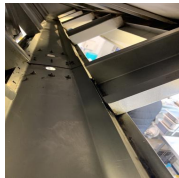


Photo 14



Photo 15



Photo 16

2) Duct 1 metres from Canopy

25

Photo



Photo 17



Photo 18

3) Duct 3 metres from Canopy

25

Photo



Photo 19



Photo 20



Photo 21

4) Duct midway between canopy and fan

25

Photo

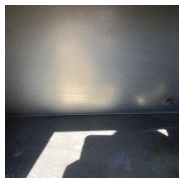


Photo 22



Photo 23



Photo 24



Photo 25

5) Duct upstream of fan

25

Photo



Photo 26



Photo 27



Photo 28

6) Extract Fan

25

Photo



Photo 29



Photo 30

7) Discharge Duct from fan

25

Photo



Photo 31



Photo 32

Does the duct length exceed 10m?

No

Average Micron reading

25

Schematic

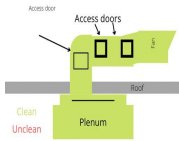


Photo 33

Canopy & Grease Filters

2 / 2 (100%)

Canopy

1 / 1 (100%)

Before Photos



Photo 34



Photo 35



Photo 36

After photos

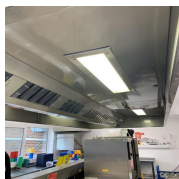


Photo 37



Photo 38



Photo 39



Photo 40

Has the canopy been cleaned interior/exterior

Yes

Grease Filters

1 / 1 (100%)

Type of filters

Baffle

Number

14

Have they been degreased?

Yes

Before Photos

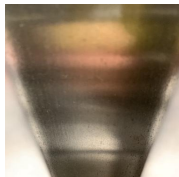


Photo 41



Photo 42



Photo 43

After Photos



Photo 44



Photo 45

Extract fan	2 / 2 (100%)
Extract Fan	2 / 2 (100%)
Location	External, roof
Make / Model	System air
Type of mounting	In line
Fan running on arrival?	Yes

Supply fan, ductwork & components	4 / 4 (100%)
Supply Fan	4 / 4 (100%)
Installed	Yes
No. Supply Grilles	2
photo of Supply Grilles	
	
Photo 46	
Make / Model	System air
Location	External, roof
Type of mounting	In line
Fan running on arrival?	Yes
Supply fan Air Filters	1 / 1 (100%)
Primary Air Filters	Yes
Type	Pleated panel
Amount	1
Dimensions	H 594 x W 594 x d 95
Photo of Air filters	
 	
Photo 47 Photo 48	
Secondary Air Filters	No
Supply ductwork installed?	Yes
Condition?	Good

Photo of supply ductwork



Photo 49



Photo 50

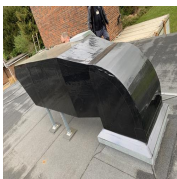


Photo 51

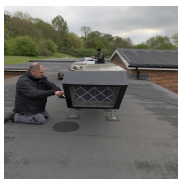


Photo 52

Controls	4 / 4 (100%)
Controls	4 / 4 (100%)
GAS INTERLOCK	Yes
Operation	Pass
Photo of gas interlock	
	
Photo 53	
EXTRACT FAN CONTROLS operation	Pass
Photo of extract controls	
	
Photo 54	
SUPPLY FAN CONTROLS Installed	Yes
Operation	Pass
Photo of Supply controls	
	
Photo 55	
AIR FLOW SENSORS	Yes
Type sensor	Current
Operation of Air Flow Sensors	Pass
Photo of sensor	



Photo 56

Additional Equipment

Additional equipment

Additional equipment

No

**Remedial
Works & completion-TR19**

Recommendations or remedial work required

New supply filter required urgently.

Remedials report to follow?

Yes

Auditor

Engineer's Signature



Paul Stewart
09.04.2024 11:54 BST

Media summary



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



Photo 15



Photo 16



Photo 17



Photo 18



Photo 19



Photo 20



Photo 21



Photo 22



Photo 23



Photo 24



Photo 25



Photo 26



Photo 27



Photo 28



Photo 29



Photo 30



Photo 31



Photo 32

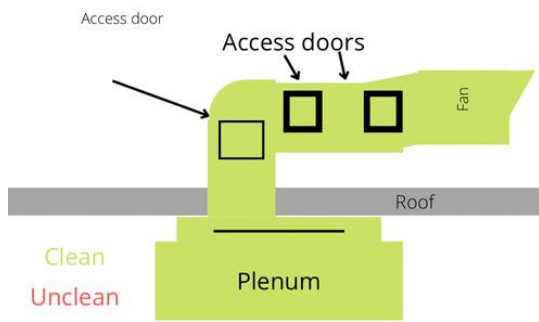


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Photo 40

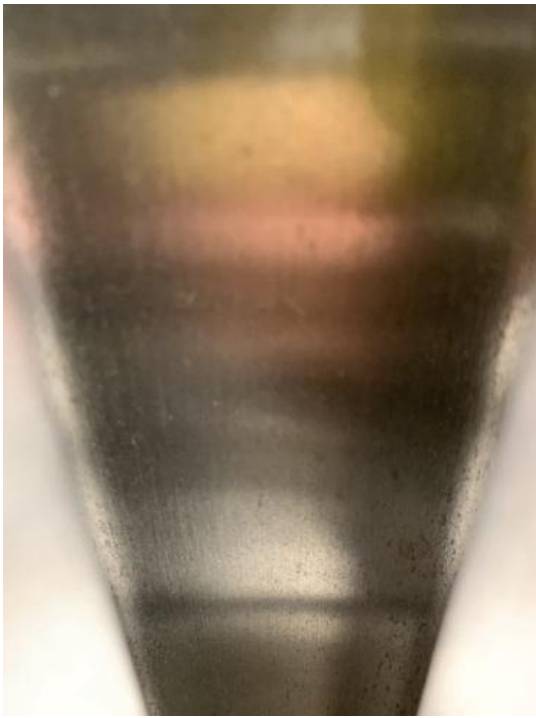


Photo 41



Photo 42



Photo 43



Photo 44



Photo 45



Photo 46



Photo 47



Photo 48



Photo 49



Photo 50



Photo 51



Photo 52



Photo 53



Photo 54



Photo 55



Photo 56