



P W INDUSTRIAL SERVICES LTD PCVR-KITCHEN VENTILATION

Nutfield Church C of E Primary School

Complete

Score	100%	Flagged items	0	Actions	0
Site	Nutfield Church C of E Primary School				
Document no.	000328				
Client					
Conducted on	04.04.2023 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

Pre-Clean Grease Measurements- TR19 (Microns)

100%

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

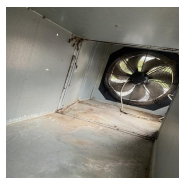


Photo 9



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

Post Clean Grease Measurements- TR19 (Microns)

100%

1) Canopy Extract Plenum

25

Photo



Photo 14



Photo 15

2) Duct 1 metres from Canopy

25

Photo



Photo 16



Photo 17

3) Duct 3 metres from Canopy

25

Photo



Photo 18



Photo 19



Photo 20

4) Duct midway between canopy and fan

25

Photo

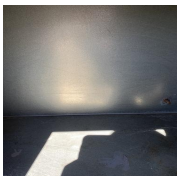


Photo 21



Photo 22



Photo 23



Photo 24

5) Duct upstream of fan

25

Photo



Photo 25



Photo 26



Photo 27

6) Extract Fan

25

Photo



Photo 28

7) Discharge Duct from fan

25

Photo



Photo 29



Photo 30

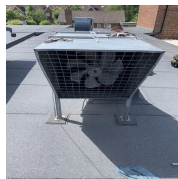


Photo 31

Does the duct length exceed 10m?

No

Average Micron reading

25

Schematic

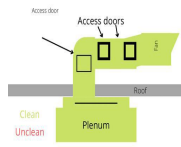


Photo 32

Canopy & Grease Filters

100%

Canopy

100%

Before Photos



Photo 33

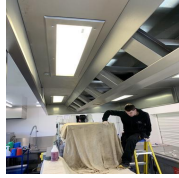


Photo 34

After photos



Photo 35



Photo 36

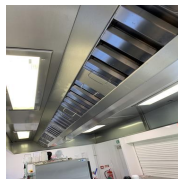


Photo 37



Photo 38

Has the canopy been cleaned interior/exterior

Yes

Grease Filters

100%

Type of filters

Baffle

Number

14

Have they been degreased?

Yes

Before Photos



Photo 39

After Photos



Photo 40

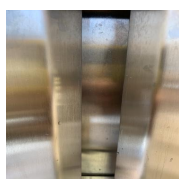


Photo 41

Extract fan

100%

Extract Fan

100%

Location

External, roof

Make / Model

System air

Type of mounting

In line

Fan running on arrival?

Yes

Supply fan, ductwork & components

100%

Supply Fan

100%

Installed

Yes

No. Supply Grilles

2

photo of Supply Grilles

Photo 42

Make / Model

System air

Location

External, roof

Type of mounting

In line

Fan running on arrival?

Yes

Supply fan Air Filters

100%

Primary Air Filters

Yes

Type

Pleated panel

Amount

1

Dimensions

H 594 x W 594 x d 95

Photo of Air filters

Photo 43



Photo 44

Secondary Air Filters

No

Supply ductwork installed?

Yes

Condition?

Good

Photo of supply ductwork



Photo 45



Photo 46

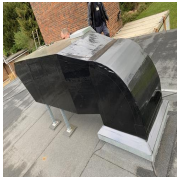


Photo 47

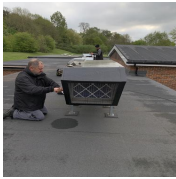


Photo 48

Controls

100%

Controls

100%

GAS INTERLOCK

Yes

Operation

Pass

Photo of gas interlock



Photo 49

EXTRACT FAN CONTROLS operation

Pass

Photo of extract controls



Photo 50

SUPPLY FAN CONTROLS Installed

Yes

Operation

Pass

Photo of Supply controls



Photo 51

AIR FLOW SENSORS

Yes

Type sensor

Current

Operation of Air Flow Sensors

Pass

Photo of sensor



Photo 52

Additional Equipment

Additional equipment

Additional equipment

Yes

Photo of additional equipment

Dish washer fan

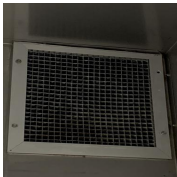


Photo 53



Photo 54



Photo 55

Recommendations or remedial work required

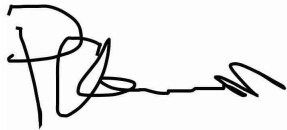
New supply filter needed

Remedials report to follow?

Yes

Auditor

Engineer's Signature



Paul Stewart
04.04.2023 13:06 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



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Photo 30



Photo 31

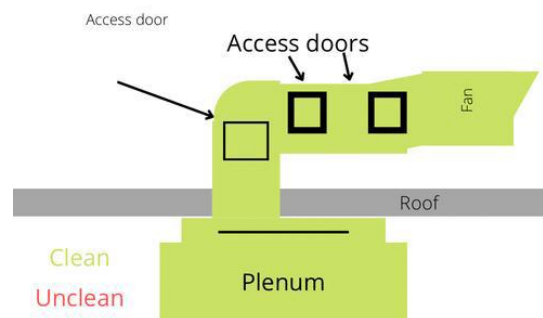


Photo 32



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Photo 34



Photo 35



Photo 36



Photo 37



Photo 38



Photo 39



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