



TR 19 (Grease) Extract Cleaning Report - (Cross refer with TR19 photographic report for complete compliance information)

Client:	XYZ National Kitchens	
Site Address:	National Account, UK	
System Name:	Main Kitchen Extract	
Date of Last Clean:	01/11/2023	
Date of This Clean:	01/05/2024	
Executive Summary:	The system comprises of a large double sided canopy in the main kitchen area with baffle filters. It has a nearside and farside extraction system joined to the canopy via 4 spiral canopy spigot (2 per system). The two main spiral duct runs then connect to the spigots on the flat roof of the kitchen where they run on this flat roof to two axial fans. Post fan the duct is only supported on catenary wire till it exits the building terminating in an external exhaust grille. It is low risk with no flame producing cooking equipment.	
Was the system cleaned in its entirety?	No - post fan not cleaned	
If not entirely cleaned why?	The ducting post fan on both systems is suspended on catenary wire and is hazardous high level access. It can not be mechanically cleaned because of the COSHH risk from the chemical escaping the duct. The system is low risk because non of the cooking equipment is flame producing and the ducting does not run through the fabric of the building or an occupied area.	
Solution if not cleaned?	This area can only be cleaned by confined spaces access which will require additional access panels for a recovery plan and load support of the ducting to prevent collapse and falls from height.	
Area	Canopy	Ducting
Mean Micron Reading:	323	525
Days since last clean:	190	190
Daily grease deposit (um):	1.70	3
Current cleaning frequency:	6 Monthly	6 Monthly
Calculated cleaning frequency:	Every 4 months	Every 2 months
Proposed cleaning frequency:	6 Monthly	6 Monthly
If calculated and proposed differ - why?	We propose to keep the cleaning frequency at 6 monthly because the wet film readings have been taken in a condensate mix of grease/water due to the nature of the cooking process and because as previously mentioned the system is low risk due to the nature of the cooking equipment. The ducting is heavily corroded which effects our readings. We will reassess this after the next clean.	

Clean Air Compliance Ltd, 19 Lapworth Close

Redditch

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Wet Film Thickness Test - results in microns

TEST POINT	AREA	LOCATION	Pre - WFTT (um)	Post - WFTT (um)
1	Canopy	Filter housings 1 - 3	400	0
2	Canopy	Filter housings 4 - 6	400	0
3	Canopy	Filter housings 7 - 9	500	0
4	Canopy	Filter housing 10 - 12	300	0
5	Canopy	Filter housing 13 - 15	400	0
6	Canopy	Filter housing 16 - 18	600	0
7	Canopy	Filter housing 19 - 21	400	0
8	Canopy	Filter housing 22 - 24	300	0
9	Canopy	Nearside duct 1 off canopy	600	0
10	Canopy	Farside duct 1 off canopy	400	0
11	Canopy	Farside duct 2 off canopy	500	0
12	Canopy	Nearside duct 2 off canopy	600	0
13	Canopy	Canopy drip trays	1200	0
14	Canopy	Typical filter	500	0
15	Canopy	Plenum filter housings 1 - 3	0	0
16	Canopy	Plenum filter housings 4 - 6	0	0
17	Canopy	Plenum filter housings 7 - 9	0	0
18	Canopy	Plenum filter housing 10 - 12	0	0
19	Canopy	Plenum filter housing 13 - 15	0	0
20	Canopy	Plenum filter housing 16 - 18	0	0
21	Canopy	Plenum filter housing 19 - 21	0	0
22	Canopy	Plenum filter housing 22 - 24	0	0
Mean WFTT (um)			323	0

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TEST POINT	AREA	LOCATION	Pre - WFTT (um)	Post - WFTT (um)
23	Ducting	Nearside duct section 1	250	0
24	Ducting	Nearside duct section 2	700	0
25	Ducting	Nearside Fan	400	0
26	Ducting	Farside duct section 1	1100	0
27	Ducting	Farside duct section 2	300	0
28	Ducting	Farside fan	400	0
Mean WFTT (um)			525	0

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