

## System findings and recommendations

**Site:-**  
**System:- Grill Bar System**

**Date of survey :- 06.10.15**  
**Carried out by: Maurice Lavery**

Wet Film Thickness Test Measurement (WFTTM) taken in 5 Locations to determine grease levels. The mean is then calculated based upon the number of locations.

**WFTTM Levels Key:**

50 – 100 : Clean - No action required

101 - 175 : Slightly Dirty – Cleaning to be considered in near future

176 - 250 : Dirty – Cleaning required

251 + : Very Dirty – Urgent cleaning required

### CONDITION OF SYSTEM AT SITE VISIT

Locations: Describe Area	<u>WFTTM</u> Before	Very Dirty	Dirty	Slightly Dirty	Clean	<u>COMMENTS</u>
Canopy/housing	<b>1500</b>				✓	
Canopy riser (x2)	<b>10000+</b>	✓				<b>High risk</b>
Ductwork at plenum above canopy	<b>13000+</b>	✓				<b>High risk</b>
Ductwork upstream to Fan	<b>5000+</b>	✓				<b>High risk</b>
Fan/ housing	<b>2000</b>	✓				
Fan hood	<b>1000</b>	✓				
<b>TOTAL WFTTM</b>	<b>32500</b>					
<b>MEAN WFTTM</b>	<b>5417</b>					

Engineers Notes: **This system has a very heavy contamination present well above industrial standards. There has been no cleaning carried out within the ductwork for years. (Please see photos). Recommend system ducting to have immediate cleaning carried out. Filters are dripping grease. A very high risk is present above cooking stations.**

### PHOTO LOG

Locations Area	At Survey	COMMENTS
Canopy	1	Reasonable condition
Filters	2	Clean required
Canopy risers	3 + 4	<b>High risk clean required</b>
Ductwork above canopy/plenum	5	<b>High risk clean required</b>
Ductwork upstream to fan	6 + 7	<b>High risk clean required</b>
Fan	8	Clean required
Discharge hood		
Any Leakage outside the duct		Ceiling tiles showing signs



## MONITORING REPORT AT

Date:

Contact:

A survey of the Kitchen Extract System was carried out on 06/10/15 during which grease thickness tests taken at 6 locations resulted in a mean thickness of 5417 microns. Cleaning is recommended where the mean thickness is over 200 microns or any one area that is in excess of 500 microns. This system is well above these levels and therefore cleaning is necessary at present.

### **Conclusion:**

*We would recommend system ducting to be cleaned. Condition of system is well below industrial standards with a very high fire risk present along with hygiene issues. Since a door has been cleaned within the ductwork we assume that you should be aware of the condition of the ductwork. We hope your present contractor has brought this to your attention.*

A copy of the monitoring report is attached with photographs.

Kind Regards

Signed \_\_\_\_\_

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BT23 4YH

This document should be filed with your original report for inspection by Environmental Health or Insurance Company.

#### *Branches:*

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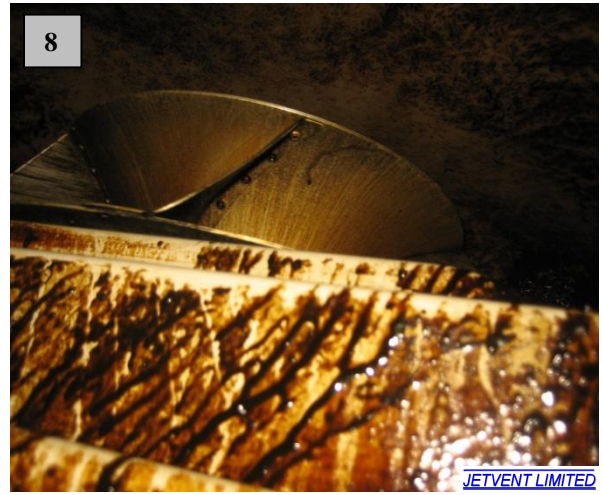
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**JETVENT LIMITED**

# Photographs





## **For Client Reference**

### **B&ES TR19 INDUSTRIAL STANDARDS**

Please note if a contractor's quotation is based on cleaning the systems to current industry guidance, B&ES TR19, then you should receive a report containing the following:

#### **As per 7.43/TR19 guide to good practice:**

- List of systems cleaned.
- Pre-clean grease level measurements.
- Post clean measurements.
- Photographic pre & post cleaning from canopy, ductwork to fan(s).
- Additional work carried out (if any).
- COSHH data on chemicals used.
- Recommendations for future cleaning, inaccessible areas.
- Observations, defects.
- A sketch of the systems indicating where photo evidence was taken, testing and inaccessible areas along with a written report explanation why certain area(s) could not be cleaned.

**The level of cleanliness achieved should be that no single measurement should exceed 50µm (microns), as per Section 7.42/TR19.**