



Your Laundry & Infection Control Partner

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***Hillingdon Hospital NHS Trust OTEX Laundry Microfibre Routine
Bacteriological Monitoring Visit***

Dear Ann

Please find attached the microbiological results following the recent visit to ***Hillingdon Hospital*** in December 2008. Samples were taken pre/post laundering to evaluate the effectiveness of OTEX disinfection process. Individual microfibre cloths/mops were randomly selected before and after processing with OTEX. All samples were handled in an aseptic manner and analysed by an independent laboratory, which is UKAS, accredited, Microsearch Laboratories Ltd. Routine dipslides were also used to monitor the disinfection process. These were processed within JLA's R & D laboratory.

During the visit it was noted that the laundry facilities were found to be excellent, well designed and organised with evidence of well defined/effective segregation between dirty and clean items. This will assist in reducing the risk of cross contamination. The microbiological results demonstrate the effectiveness of the disinfection of the OTEX process on microfibre cloths and mops. Whilst *C.difficile* was detected in the pre laundered items no clostridium species was detected in any of the processed cloths or mops.

I trust this meets with your requirements. Should you require any further assistance please do not hesitate to contact Lara Wade (Account Manager) or Jackie Hook (Chemist) on Halifax (01422) 822282.

Table 1: Total Viable Counts (Contact dipslides) incubated at 37°C for 48hours.

Hillingdon Hospital - Total Viable Count (TVC) Log			
Date	Lab Reference No:	Sample Description	TVC (cm²)
9 th December 2006	HL1	Microfibre Mop Pre	Moderate Growth 40cfu/cm ²
	HL2	Microfibre Cloth Pre	Slight Growth 12 cfu/ cm ²
	HL3	Microfibre Mop Post	No Growth
	HL4	Microfibre Mop Post	No Growth
	HL5	Microfibre Mop Post	No Growth
	HL6	Microfibre Mop Post	No Growth
	HL7	Microfibre Cloth Post	No Growth
	HL8	Microfibre Cloth Post	No Growth
	HL9	Microfibre Cloth Post	No Growth
	HL10	Microfibre Cloth Post	No Growth

Key VSG Very Slight Growth
Mod Moderate Growth
 Forming Units **TVC** Total Viable Count

SG Slight Growth
Heavy Heavy Growth

cfu Colony

Table 2: Independent Results ex Microsearch Laboratories Ltd

Microbiological Test Results Pre/Post OTEX Laundry Process (Cfu/g)										
Sample	Lab Ref No:	State	TVC	E.coli	Salmonella	S. Aureus	C.diff	MRSA	Yeasts	Moulds
Microfibre Mop (Red)	360	Pre	2.60E+09	8.20E+04	NEG	2.70E+05	300	3.10E+04	6.30E+06	2.20E+03
Microfibre Mop (Red)	363	Post	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Mop (Blue)	366	Post	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Cloth (Blue)	361	Pre	1.30E+08	5.10E+04	NEG	8.20E+07	140	14	7.10E+05	5.00E+04
Microfibre Cloth (Blue)	364	Post	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Cloth (Red)	362	Pre	3.00E+08	7.90E+06	NEG	5.00E+05	210	96	8.00E+06	1.70E+03
Microfibre Cloth (Red)	365	Post	<1	<1	NEG	<1	<1	<1	<1	<1



Pre OTEX



Post OTEX

Legend:

< = Less than.

NEG = Test Negative

Pos = Test Positive