Technical Visit Report – St Mary's Hospital, London ISS Mediclean
30 October 2008

Site Visit Issues: Pre Healthcare Commission visit

Site Details	Observations/Measurements On arrival	Action
Laundry Facilities	Small laundry. No natural ventilation. No external walls. Extract fitted to provide ventilation. Equipment installed 2 x HF/F304 washers, 2 x T75 gas dryers. Double OTEX wall unit with large oxygen generator (old type). ECHO site. Fascias damaged need replacing.	Need to replace damaged fascias. Consideration to be given to adding 4th rinse with no ozone.
Oxygen Generator	Filters needed cleaning. Area around generator obstructed with floor pads and empty containers.	Area around oxygen generator to be kept free from obstructions at all times. Set ozone to 6 leds, 5psi and 4cfh. Filters cleaned. Spargers replaced as part of PMV visit.
Ozone System	Sparger on mc 1 damaged. Originally set at 4 and 5 leds. Destruct fitted. Filters blocked.	
Program	Non-standard program installed. Dip levels and wash/rinse cycle times incorrect. Rinse and spin cycle has S6 signal for validation. Program not set up correctly for ECHO.	Installed standard microfibre mop program with mod for ECHO.
Validation/Room Monitor	Validation system working, although printouts are not standard. Displays CHEckbat at end of receipt. Previous data downloaded identified that site may be using rinse and spin cycle for washing mops etc on previous day to visit. Room monitor not functioning.	New validation/room monitor to be fitted next day. Site left on thermal disinfection until problem rectified. Need to advise site management that the operator may be using incorrect programs and the potential consequences.

Detergents	JD Horizon detergent being dosed via Knight pumps (suspect JLA's) in relay mode. Measured volume = 60mls. This is satisfactory for this size of machine.	No Action Required.
Laundry Practices	Evidence of mixed loads. See note on staff using rinse and spin cycle. Absence of clear segregation of laundry between dirty and clean. Dirty items are left in area used to store clean work.	Site should be made aware of potential risk for recontamination of clean items. Use of incorrect program should be stopped.
Conclusion:	Room monitor to be replaced and retested. Samples taken for bacteriological analysis. Results available next week.	

Time on site: 12:30hrs to 17:00 hrs.
Travelling time 6 hours.
Present on site: J Hook, J Crosby

Table 1: Microsearch Laboratories Ltd Microbiological Results:

Before ▮ (red)

After ▮ (blue)

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	329	Before	TNTC >e10	9.10E+05	NEG	7.80E+07	1.70E+05	2.30E+06	TNTC >e9	5.90E+07
Microfibre Mop	338	After	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Mop	330	Before	12	<1	NEG	<1	<1	<1	<1	<1
Microfibre Mop	339	After	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Mop	331	Before	298	<1	NEG	9	<1	<1	140	13
Microfibre Mop	340	After	3	<1	NEG	<1	<1	<1	<1	<1
Microfibre Cloth	332	Before	364	<1	NEG	4	<1	<1	290	7
Microfibre Cloth	341	After	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Cloth	333	Before	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Cloth	342	After	1	<1	NEG	<1	<1	<1	<1	<1

Sample	Lab Ref No:	State	TVC	E.coli	Salmonella	S. Aureus	C.diff	MRSA	Yeasts	Moulds
Microfibre Cloth	334	Before	383	<1	NEG	3	<1	<1	700	42
Microfibre Cloth	343	After	3	<1	NEG	<1	<1	<1	9	<1
Microfibre Cloth	335	Before	TNTC >e10	4.20E+03	POS	9.20E+04	3.10E+04	4.00E+03	TNTC >e9	<1
Microfibre Cloth	344	After	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Cloth	336	Before	TNTC >e10	7.10E+03	NEG	1.30E+06	5.20E+04	3.00E+05	TNTC >e9	<1
Microfibre Cloth	345	After	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Cloth	337	Before	TNTC >e10	1.90E+04	NEG	2.90E+07	1.70E+04	8.20E+04	TNTC >e9	<1
Microfibre Cloth	346	After	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Mop	347	After Tumble Drying	1	<1	NEG	<1	<1	<1	7	<1
Microfibre Cloth	348	After Tumble Drying	<1	<1	NEG	<1	<1	<1	<1	<1
Microfibre Cloth	349	After Tumble Drying	<1	<1	NEG	<1	<1	<1	<1	<1

Legend   < = Less than   TNTC = Too Numerous To Count   POS = Positive   NEG = Negative