

Air Curtains/Air Transfer Hatches

Last Issue Date: 23/02/2018		Type Of Service				
Activity		A	B	C	D	E
1	STRUCTURAL INTEGRITY: Check the condition and security/integrity of the removeable S/S flange at the base of the unit to the wall or the supporting stands/posts as applicable.			Y	Y	
2	EXTERNAL (DIRTY ROOM) SIDE: Check the condition, integrity and operation of the unit, including: a) The perimeter silicon sealing or flange (as applicable) of the unit to the wall; b) The acrylic view panel and seals of the pass door; and c) The pass door handle, hinges and seals.			Y	Y	
3	INTERNAL (CLEAN ROOM) SIDE: Check the condition, integrity and operation of the unit, including: a) The perimeter silicon sealing or flange (as applicable) of the unit to the wall; b) The tempered glass view panel and seals of the pass door; c) The pass door handle, hinges and seals; and d) The interlock mechanism, checking that the integrity of the Internal (cleanroom) is maintained.			Y	Y	
4	Check the condition of the ULPA FILTER.			Y	Y	Y
5	Check the condition of the ULPA FILTER and replace when required. Frequency depends on the cleanliness of the ambient air and should be replaced once the Air Shower Pass Box is unable to deliver the rated airflow velocity (25m/s / 4921 fpm) and/or remove contaminants effectively. (default 3-5 years).					Y
6	Check the condition of the PRE-FILTER. Remove the air inlet grille and clean/wash/replace (as required) the filter (default 5-6 months).			Y	Y	
7	Check the S/S PERFORATED BASE to the chamber. Clean if necessary.			Y	Y	
8	Check the condition and operation of the UV LAMP (if fitted).			Y	Y	
9	Replace the UV LAMP (if fitted) annually (default). Check the operation and undertake surface decontamination afterwards.				Y	
10	CENTRIFUGAL MOTOR/FAN: a) Check the condition and for smooth, quiet, vibration free operation; b) Check the TIMER for fan running time is set correctly (adjustable between 0-60 seconds); and c) Clean the fan blades.			Y	Y	
11	Check the condition of the S/S NOZZLES and the operation ensuring high velocity air jets (25m/s / 4921 fpm) are directed within the chamber.			Y	Y	
12	ELECTRICAL: a) Check all connections; and b) Check the door indicator lights work correctly.			Y	Y	
13	Record the results in the logbook.			Y	Y	Y

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For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia  
Department of Planning,  
Transport and Infrastructure

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## Special Comments and Technical Data

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C SERVICE 6 MONTHLY

D SERVICE ANNUALLY

E SERVICE 3-5 YEARS (DEFAULT - AS REQUIRED)

THE SERVICING ACTIVITIES AND FREQUENCIES MAY BE VARIED  
DEPENDING ON SITE CONDITIONS AND USER REQUIREMENTS.

THE SERVICING IS TO BE DONE IN ACCORDANCE WITH APPLICABLE  
STANDARDS AND THE MANUFACTURER'S RECOMMENDATIONS,  
REFER TO THE MANUAL FOR ADDITIONAL INFORMATION.

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