

Isolation Room - Positive/Negative Pressure

Last Issue Date: 14/10/2020		Type Of Service				
		A	B	C	D	E
Activity						
1	Check the air pressure differential between the Isolation Room and adjacent area/s against the requirement. Refer to Special Comments, note 2 & 5.				Y	
2	Check the operation of the locally mounted differential pressure gauge/ s. Check the reading is zero with all doors open and fans `ON'. Adjust `ZERO' if required. Refer to Special Comments, note 4.				Y	
3	Check the door seals for infiltration. Refer to Special Comments, note 3.				Y	
4	Measure the supply air rate (L/s) and confirm the supply air rate or air change rate (ACH) complies with AS 1668.2. Refer to Special Comments, note 3.				Y	
5	Check the pre-filters and replace if required. Refer to Special Comments, note 3.				Y	
6	<p>Check the condition and operation of the filters, especially for:</p> <ul style="list-style-type: none"> a) Cleanliness. b) Pressure drop across media. c) Obstructions. d) Damage or deterioration. <p>Check the filters and seals between the filter units, especially for leakage.</p> <p>Check the condition of the filter frames and frame supports for signs of damage or deterioration.</p>		Y		Y	
7	Undertake HEPA filter integrity testing in accordance with AS1807.6 or 1807.7, as applicable. Refer to Special Comments, note 3.				Y	
8	Where applicable clean the HEPA filter grilles in an appropriate manner. Refer to Special Comments, note 3.				Y	
9	<p>Test the Isolation Rooms alarm and strobe.</p> <p>Note: Some rooms have alarms that can be tested just by opening the door (Room DP Alarm system) and some rooms have a fan failure alarm (Fan DP alarm).</p> <p>In order to satisfactorily address this test requirement an alarm signal must be produced. Undertake the following:</p> <ul style="list-style-type: none"> a) Open the doors to the room (refer to Special Comments, note 3), observing loss of DP on local differential pressure sensor, wait up to 3.5 minutes for the alarm. b) If this does not produce the alarm then: Locate the applicable room exhaust fan and manually isolate at the local Isolator (refer to Special Comments, note 4), observing loss of DP on local differential pressure sensor, and wait up to 3.5 minutes for the alarm. 				Y	
10	Record the results in the logbook and submit a customer service report to the FMSP.		Y		Y	

Disclaimer -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

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



Government of South Australia
Department of Planning,
Transport and Infrastructure

Download Date: 22/12/2020

Special Comments and Technical Data

B SERVICE MONTHLY
D SERVICE ANNUAL

SERVICE FREQUENCIES AND ACTIVITIES MAY VARY DEPENDING ON SITE CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS WHICH MUST BE FOLLOWED.

NOTES:

1. THIS TDS INCLUDES SERVICING ACTIVITIES FOR AIR FILTERS. DO NOT SCHEDULE ME30.
2. FOR THE PURPOSES OF INTERPRETING THE INTENT OF THIS CLAUSE THE ISOLATION ROOM SHALL BE CONSIDERED TO BE THE ROOM AND ANY SUB-ADJOINED ENSUITE, BATHROOM OR TOILET FACILITY. SAID ROOM(S) MUST ONLY BE ACCESSIBLE FROM THE PATIENT'S BEDROOM AND ALL EXHAUST(S) PRESENT IN THESE ROOMS TOTALISED TO INFORM THE MAIN ROOM JUDGEMENT.
3. FOR THE PURPOSES OF INTERPRETING THE INTENT OF THIS CLAUSE `ADJACENT' ROOMS DOES NOT INCLUDE ANY SUB-ADJOINED ENSUITE, BATHROOM OR TOILET FACILITY, PROVIDED THEY ARE ONLY ACCESSIBLE FROM THE PATIENT'S BEDROOM.
4. THIS ACTIVITY MAY ONLY BE UNDERTAKEN IF THE ROOM IS NOT CLINICALLY EMPLOYED IN NEGATIVE PRESSURE MODE. PERMISSION TO OPEN DOORS MUST BE SOUGHT IMMEDIATELY PRIOR TO DOING SO FROM THE WARD NURSE MANAGER.
5. THIS ACTIVITY MAY ONLY BE UNDERTAKEN IF THE ROOM IS NOT CLINICALLY EMPLOYED IN NEGATIVE PRESSURE MODE; AND WILL REQUIRE YOU TO ACTIVATE THE SYSTEM BY TURNING ON THE ROOM EXHAUST FAN.
6. IN THE ABSENCE OF SPECIFIC DIFFERENTIAL AIR PRESSURE CRITERIA, REFER TO RELEVANT SECTIONS OF VICTORIAN DHS: `GUIDELINES FOR THE CLASSIFICATION AND DESIGN OF ISOLATION ROOMS IN HEALTH CARE FACILITIES'.

A SPECIALIST SUB-CONTRACTOR IS REQUIRED FOR THIS SERVICE.

APPLICABLE LEGISLATION AND STANDARDS: PUBLIC HEALTH ACT, AS1668.2, AS1807.6, AS1807.7, AS3666.2, AS4260, HB 260.

Disclaimer -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

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



Government of South Australia
Department of Planning,
Transport and Infrastructure

Download Date: 22/12/2020

Conditions of Use

A TDS should be used as a generic guide for Facilities Management Service Providers (FMSP) to deliver Facilities Maintenance Services, specifically Preventative Maintenance in accordance with the DPTI [Agency Work Procedure Manual](#).

Users of a TDS should familiarise themselves with the following **Conditions of Use**:

1. You use the information and data contained in any TDS published by DPTI at your sole risk. DPTI-AGFMA does not have the expertise to provide complete or accurate technical data schedules and provides these technical data sheets merely as a starting point and/or guide.
2. If you rely on the information in a TDS you are responsible for ensuring, by independent verification, its accuracy, currency and completeness. DPTI cannot guarantee that the information contained in a TDS meets the standards or requirements of legislative requirements.
3. A TDS is not an exhaustive list of tasks or obligations that may be required and is generally generic in nature. DPTI does not oblige the user of a TDS to rely on it to the exclusion of other sources of information. For example, manufacturer's requirements may need to be followed for additional and / or alternative tasks and for additional and / or alternative servicing frequencies. You should always check the primary source of information such as the Australian Standards, manufacturer's specifications, legislation and other standards before undertaking any work to which a schedule may apply.
4. You must apply appropriate risk management principles and carry out all tasks in accordance with obligations under the [Work Health and Safety Act 2012](#).
5. You must not use a TDS unless you meet the specific competency requirements for preventative maintenance servicing works and are capable of applying the TDS to your trade or area of expertise. A TDS is only to be used by people who are specifically instructed by DPTI to use them and only for work undertaken in South Australia.
6. DPTI, its agents, instrumentalities, officers and employees make no representations, express or implied, as to the accuracy of the information, the data contained in a TDS or the suitability of a TDS for a particular purpose.
7. DPTI does not provide legal advice. DPTI accepts no liability, howsoever arising, for any loss resulting from the use of a TDS and any information or data or reliance placed on them.
8. DPTI may change information and data in a TDS without notice.
9. DPTI may revise this disclaimer at any time by updating these Conditions of Use.