

Fire Curtains and Smoke Curtains

Last Issue Date: 27/10/2021		Type Of Service				
Activity		A	B	C	D	E
1	Check there are not obstructions that may affect operation. Record any change or addition to the surrounding area.			Y	Y	
2	Verify the correct curtain operation via switch at the control panel.			Y	Y	
3	Verify the curtain is free of damage.			Y	Y	
4	Check the guide tracks are free of damage and operate correctly.			Y	Y	
5	POWER SUPPLY UNIT (PSU) - ELECTRICAL TESTS (Activities 5 - 15):			Y	Y	
6	Check mains power input.			Y	Y	
7	Confirm correct display and LED notification.			Y	Y	
8	Check the battery charger outputs.			Y	Y	
9	Check the voltage supplied by the PSU to the MCU.			Y	Y	
10	Check the permanence D.C from the PSU to the MCU.			Y	Y	
11	Check bottom bar and capping position in relation to the ceiling. Adjust if necessary.				Y	
12	Check the ascent and descent speed. Record ascent and descent time. Adjust if necessary.				Y	
13	Check automatic deployment of curtain via alarm signal activation.				Y	
14	Check gravity fail-safe or other fail-safe deployment of curtain by disconnecting all power sources to all controls.				Y	
15	Replace all batteries that are more than two years old. Record date of replacement within maintenance logbook.				Y	
16	MOTOR CONTROL CARD (MCC) - ELECTRICAL TESTS (Activities 16 - 27):				Y	
17	Check mains power input.				Y	
18	Confirm correct display and LED notification.				Y	
19	Check the transformer outputs.				Y	
20	Check the voltage supplied by the PSU to the MCC.				Y	
21	Check the permanence D.C from the PSU to the MCC.				Y	
22	Check the motor brake voltage.				Y	
23	Check the motor drive voltage.				Y	
24	Check the motor stall-out function.				Y	
25	Check that the light warning flashes with the correct intensity when required.				Y	
26	Check that the local audible warning system is distinctly audible in the vicinity of the curtain.				Y	
27	Check that the appropriate warning system is activated when the curtain is obstructed				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: 04/11/2021

Fire Curtains and Smoke Curtains

Last Issue Date: 27/10/2021		Type Of Service				
		A	B	C	D	E
Activity						
	for more than the required duration.					
28	SPLIT/DUAL DROP DELAY (Activities 28 - 33):				Y	
29	Check the half drop height position.				Y	
30	Check the hold time at the half height position.				Y	
31	Check that the curtain closes when activated by the second alarm source.				Y	
32	Check that the curtain retracts temporarily when the retract button is pressed.				Y	
33	Replace all fusible links every 25 years from the date of manufacture. (Check of age to be done with annual service.)				Y	
34	Record the results in the customer service report / log book.			Y	Y	

Special Comments and Technical Data

- B SERVICE MONTHLY
- C SERVICE SIX MONTHLY
- D SERVICE ANNUAL
- E SERVICE FIVE YEARLY

THE ACTIVITIES LISTED ABOVE ARE OF A GENERIC NATURE AND MAY NEED TO BE VARIED TO SUIT THE MANUFACTURER'S RECOMMENDATIONS, APPLICABLE REGULATORY REQUIREMENTS AND SITE CONDITIONS. WHERE ANY DISCREPANCY EXISTS BETWEEN THE MANUFACTURER'S RECOMMENDATION, (INCLUDING THE SERVICE FREQUENCY), AND THIS TDS OR ANY REFERRED TDS, THE MOST STRINGENT REQUIREMENT / FREQUENCY SHOULD TAKE PRECEDENCE.

REFERENCED AND ASSOCIATED TDS ARE:
F39 FOR: INTERFACE TESTING OF FIRE PROTECTION SYSTEMS.

THIS TDS MUST BE READ IN CONJUNCTION WITH:
Ministerial Building Standard MBS 002 - Maintaining the Performance of Essential Safety Provisions.
AS 1851 - Routine Service of Fire Protection Systems and Equipment.
AS 1670.1 - Fire Detection, Warning, Control and Intercom Systems.
AS 1670.4 - Fire Detection, Warning, Control and Intercom Systems-System design, installation and commissioning. Part 4: Sound systems and intercom system for emergency purposes.
AS 1668 - The use of ventilation and air conditioning in buildings.
AS 2118.1 - Automatic Fire Sprinkler Systems.

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: 04/11/2021

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.