

Perimeter Detection System - Underground

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 04/02/2008						
1	Check installation against records, record and report any discrepancy.			Y		
2	Check inbuilt diagnostics and history file for any error and fault messages.			Y		
3	Check and test the operation of all underground detectors by carrying out accurate walk tests as prescribed in manufacturer's instructions.			Y		
4	Check operation of all control equipment.			Y		
5	Check and test the operation of every audible, visual alarm and warning device.			Y		
6	Check the operation of all activating outputs which respond to an alarm condition.			Y		
7	Check, in cooperation with the monitoring station, the operation of any communication equipment.			Y		
8	Check system voltage under full load conditions with the mains supply OFF for not less than 10 minutes. Ensure that the output under such conditions of all standby batteries and power supplies is not less than 95 percent of rated voltage.			Y		
9	Check and record charger output voltage to battery.			Y		
10	Check battery:- - terminals for tightness, cleanliness and corrosion. - enclosure for cleanliness and corrosion.			Y		
11	For microprocessor based systems check:- - on board battery,(replace if passed use by date). - clock setting.			Y		
12	Check the condition of all equipment for damaged, stressed or heated components.			Y		
13	Check all visible wiring, conduits, connectors and manual interfaces for damage.			Y		
14	Check all equipment for proper ventilation and weather protection.			Y		
15	Ensure all switches are set to normal position, mains power is on and connected to system.			Y		
16	For microprocessor based systems save set-up and operational parameters on back-up disks.			Y		
17	Record all results in a log book.			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

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- \*BEFORE ANY TESTS ARE CARRIED OUT, NOTIFY MONITORING STATION.
- \*DO NOT DISCONNECT, BRIDGE OR REMOVE ANY DEVICE WITHOUT NOTIFYING THE CLIENT, MONITORING STATION AND ENTERING IT INTO THE RECORDS BOOK WITH PRECISE REASONS FOR THE ACTION.
- \*SPECIALIST ELECTRONICS CONTRACTOR REQUIRED FOR THIS WORK.
- \*RECOMMENDED MAINTENANCE CARRIED OUT MINIMUM 6 MONTHLY.

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