

Electrocardiograph (ECG)

Last Issue Date: 20/01/2011		Type Of Service				
Activity		A	B	C	D	E
1	GENERAL INSPECTION - equipment undamaged - internal assemblies secure - plugs and sockets undamaged - rewirable mains plugs and sockets clear backed - security and alignment of control knobs - fuse ratings correct - wheels, castors and brakes are in working order - markings required at acceptance remain legible				Y	
2	MAINS SUPPLY CONDUCTORS - Permanently installed equipment - Power supply cords plugs - Appliance couplers intact - Power cord is of an approved type - Termination of power supply cord intact and wired properly - Cord grips effective - Rated mains voltage and frequency of equipment appropriate to supply mains to be used - Plug packs or transformer packs are of an approved type				Y	
3	SUSPENDED MASSESS - stops, brakes, interlocks safety devices on carriages, moveable equipment - electrical cable not subject to undue strain or friction - supporting cables examined for wear and adequate anchorage - mechanical mountings supporting suspended massess in order				Y	
4	PROTECTIVE EARTHING TESTS - Class 1 equipment, fixed power supply cord, resistance from mains plug to accessible earthed parts below 0.2 Ohms - Class 1 equipment, detachable power supply cord, resistance from mains plug to earthed accessible metal parts below 0.3 Ohms, - Detachable mains leads on earth resistance below 0.2 Ohms - The resistance between any protectively earthed accessible metal parts and the protective earth terminal of the equipment below 0.1 Ohms (equipment with detachable mains cord removed).				Y	
5	INSULATION RESISTANCE Mains parts to protective earth, Mains to equipment enclosure - earthed metal - unearthed metal - patient connections				Y	
6	EARTH LEAKAGE CURRENT 500 micro amps max. no fault condition, Class 1 equipment, 1.0 mA max, neutral open or mains reversed.				Y	
7	APPLIED PART LEAKAGE CURRENT				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

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Activity		A	B	C	D	E
	- CF equipment, 10 micro amps max,normal condition or neutral open - CF equipment 50 micro amps max, earth open - BF & B equipment, 100 micro amps max, normal condition or neutral open - BF & B equipment, 500 micro amps max, earth open					
8	MAINS CONTACT CURRENT TEST - CF equipment, 50 micro amps max. per patient connection - BF equipment 5.0 mA max - all applied parts bridged together				Y	
9	PERFORMANCE TESTING All the essential safety and performance parameters for the device shall be tested in accordance with the appropriate test procedure				Y	
10	OTHER TESTS ECG, battery, printer				Y	
11	Record results in logbook				Y	

**Special Comments and Technical Data**

D SERVICE ANNUAL AND IN ACCORDANCE WITH AS 3551-2004

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