

Cardiac Defibrillator

Last Issue Date: 07/10/2020		Type Of Service				
Activity		A	B	C	D	E
1	<p>GENERAL INSPECTION:</p> <p>a) Inspect &amp; check the equipment is in satisfactory operating condition.</p> <p>a) Check the equipment for any damage;</p> <p>b) Check the assemblies are secure;</p> <p>c) Check the plugs and sockets for damage;</p> <p>d) Check the rewirable mains plugs and sockets are clear backed;</p> <p>e) Check the security and alignment of control knobs;</p> <p>f) Check the fuse rating;</p> <p>g) Check the wheels, castors and brakes are in working order (if applicable); and</p> <p>h) Check the markings are legible.</p> <p>Notify the FMSP of any significant safety issues, failures or major components requiring replacement.</p>		Y		Y	
2	<p>Refer to the manufacturer's recommendations for the service procedures.</p> <p>Notify the FMSP of any significant safety issues, failures or major components requiring replacement. Rectify as required.</p>				Y	
3	<p>ELECTRICAL - DIELECTRIC STRENGTH:</p> <p>a) Check the unearthed metal; and</p> <p>b) Check the patient connections.</p>				Y	
4	<p>ELECTRICAL - CURRENT LEAKAGE FOR:</p> <p>a) CF equipment;</p> <p>i) normal condition or neutral open - 10uA maximum; and</p> <p>ii) Earth open - 50uA maximum.</p> <p>b) BF &amp; B equipment:</p> <p>i) normal condition or neutral open - 100uA maximum; and</p> <p>ii) Earth open - 500uA maximum.</p>				Y	
5	<p>ELECTRICAL - MAINS CONTACT CURRENT. Check the:</p> <p>a) CF equipment 50uA maximum per patient connections;</p> <p>b) BF equipment 5mA maximum all applied parts bridged together; and</p> <p>c) Additional Electric Safety tests in accordance with AS3551 Appendix B.</p>				Y	
6	<p>Undertake ESSENTIAL SAFETY AND PERFORMANCE MAINTENANCE AND VERIFICATION TESTS in accordance with the manufacturer's recommendations and AS3551. Refer to activities 7 and 8 (and 9 if applicable).</p> <p>Note: With any performance verification, repair or preventive maintenance activities, the medical equipment shall be appropriately labelled. The label should include (as applicable) the date of the test, when retesting is due, identification of service entity, any electrical/ physical/ functional test or identification of tests carried out.</p>				Y	
7	<p>Test the following parameters (refer to AS3551 Appendix E):</p> <p>a) Delivered Energy;</p> <p>b) Output Waveform;</p> <p>c) Synchronisation;</p> <p>d) Correct analysis of cardiac waveform (AED only); and</p> <p>e) Undertake any other applicable tests as per AS3551.</p>				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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8	Undertake a SHOCK TEST.				Y	
9	For new installations, conduct the TYPICAL PURCHASE TESTS as per AS3551 Appendix F. Additionally, perform a MANUFACTURER RECOMMENDATION TEST for the Essential Safety and Performance Parameter Tests for the medical equipment.				Y	
10	Check the self-test diagnostics including: shock button, information button, ON / OFF button, sound verification, battery indicator and auto disarm.				Y	
11	Record the results in the logbook and submit a customer service report to the FMSP.		Y		Y	

**Special Comments and Technical Data**

B SERVICE MONTHLY (BY SITE).  
D SERVICE ANNUAL.

SERVICE ACTIVITIES & FREQUENCIES MAY VARY DEPENDING ON THE MANUFACTURER, TYPE AND MODEL AND THE SITE CONDITIONS. REFER TO THE MANUFACTURER'S RECOMMENDATIONS FOR ANY ADDITIONAL REQUIREMENTS.

SERVICE TO BE DONE IN ACCORDANCE WITH AS3551 AND AS3200.2.4.

APPLICABLE LEGISLATION: PUBLIC HEALTH ACT.

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