

DEFIBRILLATOR/MONITOR INSPECTION RECORD

NAME OF FACILITY: _____

ECN: _____

MODEL: _____

SERIAL: _____

MFG: _____

INSPECTING AGENCY: _____

*** QUALITATIVE TASKS ***

	PASS/FAIL		PASS/FAIL
Calibration Label	<input type="text"/>	Battery/Charger	<input type="text"/>
Chassis/Housing	<input type="text"/>	Indicators/Displays	<input type="text"/>
Mount	<input type="text"/>	CRT Display	<input type="text"/>
AC Plug/Receptacle	<input type="text"/>	1 mV Step Response	<input type="text"/>
Line Cord	<input type="text"/>	Alarms (Heart Rate)	<input type="text"/>
Strain Reliefs	<input type="text"/>	Audible Signals (Charge Tone)	<input type="text"/>
Circuit Breaker/Fuse	<input type="text"/>	Self-Tests	<input type="text"/>
Cables	<input type="text"/>	Gel/Pads/Electrodes	<input type="text"/>
Connectors	<input type="text"/>	Internal Discharge of Stored Energy	<input type="text"/>
Paddles/Electrodes	<input type="text"/>	Synchronizer	<input type="text"/>
Controls/Switches	<input type="text"/>	Recorder/Direct Writer	<input type="text"/>

*** PREVENTIVE MAINTENANCE TASKS ***

Check Box if Applicable

	PASS/FAIL		PASS/FAIL
Clean Exterior	<input type="text"/>	Replace Battery	<input type="text"/>
Lubricate Paper Drive	<input type="text"/>	Accessories	<input type="text"/>

*** QUANTITATIVE TASKS ***

DEFIBRILLATOR	SET	INDICATED	MEASURED	PASS/FAIL
1. Output Energy (+/- 4 joules or 15%)	5	5		<input type="text"/>
	10	10		<input type="text"/>
	30	30		<input type="text"/>
	50	50		<input type="text"/>
	100	100		<input type="text"/>
	150	150		<input type="text"/>
	200	200		<input type="text"/>
	300	300		<input type="text"/>
	360	360		<input type="text"/>
	360	360		<input type="text"/>
2. Energy After 60 Seconds (> or = 85%)				<input type="text"/>
3. Charge Time (< or = 15 sec)				<input type="text"/>
4. 10th Repeated Max Energy Discharge (+/- 4 joules or 15%)	360	360		<input type="text"/>
5. Cardioversion/Sync Operation (< or = 60 msec) (Typically 35ms of the R wave peak)				<input type="text"/>

MONITOR	SET	INDICATED	MEASURED	PASS/FAIL
6. Rate Calibration (+/-5% or 5 bpm @ 60 and 120 bpm)	60	60		
	120	120		
7. Pacer Rate Alarm (+/-5% or 5 bpm @ 40 and 120 bpm)	40	40		
	120	120		
8. Sweep Speed and Linearity (+/- 15%)	25	25		
9. Alarm Delay (< or = 10 sec)				
10. Frequency Response (monitor, 0.5 - 40 Hz; diagnostic, 0.05 - 100 Hz)			Monitor	
			Diagnostic	
RECORDER / DIRECT WRITER	SET	INDICATED	MEASURED	
13. Paper Speed (+/- 2%)	100	100		
14. Frequency Response (monitor, 0.5 - 40 Hz; diagnostic, 0.05 - 100 Hz)			Monitor	
			Diagnostic	
Acceptance Inspections Only				
17. ECG Lead Leakage Current (< or = 10 ua / grounded; < or = 50 ua / ungrounded)		GND	10	UNGND
18. ECG Interlead Leakage Current (< or = 10 ua / grounded; < or = 50 ua / ungrounded)		GND	10	UNGND
19. ECG Lead Input Isolation (< or = 20 uA)		EXT		
20. Paddle Leakage Current (< or = 100 ua / external; < or = 50 ua / internal)		EXT	100	UNGND
21. Paddle Interlead Leakage Current (< or = 100 ua / external; < or = 50 ua / internal)		EXT	100	UNGND
22. Paddle Input Isolation (< or = 100 ua / external; < or = 50 ua / internal)		EXT	100	UNGND
23. Paddle Continuity (ecg displayed or < 0.15 ohms)				
24. Internal Paddle Energy Limit (< or = 50 J)				
25. Electrical Safety Test				
26. Common Mode Rejection Ratio (> or = 10,000:1)				
Remarks:				
Technician Name			Date	