

Operator Preventive Maintenance Checks and Services

6515-01-185-8446 Anesthesia Apparatus, Nitrous Oxide, Model 885A

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B	<p>Anesthesia Unit</p> <p>a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.</p> <p>b. Inspect the components for damage, discoloration, or excessively worn parts.</p> <p>c. Verify the date on the Medical Equipment Verification/Certification sticker (DD Form 2163) is current.</p>	<p>Missing components or accessories prevent safe operation of the anesthesia unit.</p> <p>Unserviceable components prevent use of the anesthesia unit.</p> <p>The unit has not been verified within six months.</p>
2		<p>Anesthesia Unit Operational Test</p>	
	B	a. Set up equipment as directed by the manufacturer's literature.	
	B	b. Inspect the lower case and control headstand for damage.	Damage to lower case or headstand prevents safe operation of the unit.
	B	c. Verify proper operation of the non-adjustable relief valve as stated in the manufacturer's literature.	The non-adjustable relief valve does not open before the gauge needle reaches approximately 80 mm Hg.
	B	d. Verify proper operation of the breathing circuit pressure gauge as directed in the manufacturer's literature.	The breathing circuit pressure gauge will not rest at zero +/- 1 mm Hg.
	B	e. Verify Leak Test Procedure Number 1 as directed in the manufacturer's literature.	There is a leak greater than 100psi after five minutes for small cylinders or seven minutes for large cylinders
	B	f. Verify Leak Test Procedure Number 2 as directed in the manufacturer's literature.	There is any flow of gas on any of the flow meters.
	B	g. Verify Leak Test Procedure Number 3A as directed in the manufacturer's literature.	The pressure on the breathing circuit pressure gauge does not rise to more than 35 mm Hg.
	B	h. Verify Leak Test Procedure Number 3B as directed in the manufacturer's literature.	The pressure on the breathing circuit pressure gauge does not rise to more than 35 mm Hg.
	B	i. Verify the proper operation of the scavenger valve as directed in the manufacturer's literature.	The pressure on the breathing pressure gauge exceeds 3 mm Hg.
	B	j. Verify proper vaporizer operation as directed in the manufacturer's literature.	The vaporizer fails any test in the vaporizer checkout procedure.

Operator Preventive Maintenance Checks and Services

6515-01-185-8446 Anesthesia Apparatus, Nitrous Oxide, Model 885A

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
3	B	k. Verify the preoperative checkout procedure as directed in the manufacturer's literature.	The anesthesia apparatus fails any test in the preoperative checkout procedure.
	B	l. Determine the effectiveness of the soda lime as directed by the manufacturer's literature.	The effectiveness of the soda lime is exhausted.
	A	m. Drain and clean the absorber system as directed in the manufacturer's literature.	The absorber cannot be drained and cleaned.
	A	n. Drain the anesthetic agent from the vaporizer.	The vaporizer cannot be completely drained.
	B	Oxygen Monitor Operational Test. Perform the preoperative checkout procedure as directed in the manufacturer's literature.	The oxygen monitor does not pass all the tests in the preoperative checkout procedure.