

EQUIPMENT TEST LIST
GENERAL BATTERIES
POWER SYSTEMS EQUIPMENT

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1. GENERAL	1	1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.
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9.3 KS-7777, KS-7778 & KS-15760 CAUSTIC CELLS	2	1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.
9.4 SEMICONDUCTOR COUNTERCELLS KS-159928 L1-L2, KS-19200 L1, KS-20019 L1, L3, KS-20637 L1-L2, KS-20784 L1	2	1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.
9.5 ALKALINE COUNTERCELLS, KS-5170 TYPE	3	1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.
9.6 TESTER DSCH, RECH	3	
9.7 KS-21906 SLD RCHGTBL PB/ACD STORAGE BATTERY	4	1.05 Section 010-300-011 provides Equipment Test List instructions.

NOTICE

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9.0 BATTERIES, GENRAL

9.1 BATTERIES, GENRAL; ENGINE STARTING

SELECT ONLY ONE CATEGORY

LEAD ACID

157-633-101 (2/1)	2.02	CHECK CELL & BATTERY FLOAT VOLTAGE	MW M	-----
	2.03	CHECK SPECIFIC GRAVITY	MW M	-----
	2.04	CHECK ELECTROLYTE LEVEL	MW M	-----
	2.05	CHECK BATTERY CONNECTIONS	MW 3M	-----
	2.06	CLEAN AND INSPECT CONTAINERS & COVERS	MW 3M	-----
	2.07	INSPECT FOR LEAKING JAR COVER SEALS	MW 12M	-----
	2.08	ANTIEXPLOSION FEATURES-CLEAN & INSPECT	MW 3M	-----

NICAD, KS-15578

157-631-101 (6/1)	3.02	CHECK CELL & BATTERY FLOAT VOLTAGE	MW M	-----
	3.03	CHECK ELECTROLYTE LEVEL	MW 2M	-----
	3.04	CLEAN AND INSPECT BATTERY CONNECTIONS	MW 3M	-----
	3.05	CLEAN AND INSPECT BATTERY EXTERIOR	MW 3M	-----

TROUBLE TESTS

LEAD ACID

157-633-101 (2/1)	2.10	DISCHARGE CAPACITY TEST (IF THE RESERVE CAPACITY IS LOW)	TT	-----
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NICAD, KS-15578

157-631-101 (6/1)	3.06	CHECK FULL CAPACITY CHARGE (AT INITIAL INSTALLATION & UPON FAILURE TO START ENGINE)	TT	-----
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◆ 9.2 BATTERIES, GENRAL; DRY CELLS & DRY BATTERIES

FOR ALL UNITS

◆ 157-421-501 (7/0)	3.06	TESTS ON BATTERIES SUBJECTED TO NEGLIGIBLE CURRENT DRAIN	MW 6M	-----
◆	3.07	TESTS ON BATTERIES SUBJECTED TO STEADY OR VARIABLE CURRENT DRAIN	MW 6M	-----
◆	3.08	ELECTROLYTE LEAKAGE INSPECTION	MW M	-----

TROUBLE TESTS

◆ 157-421-501 (7/0)	3.10	CLEANUP OF ELECTROLYTE	TT	-----
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◆ 9.3 BATTERIES, GENRAL; KS-7777, KS-7778 & KS-15760 CAUSTIC CELLS

FOR ALL UNITS

157-221-501 (3/0)	1.03	(A) CLEAN AND INSPECT BATTERY	MW 6M	-----
	1.03	(B) CHECK ELECTROLYTE SOLUTION LEVEL	MW 6M	-----
	1.03	(C) CHECK BATTERY VOLTAGES	MW 6M	-----

◆ 9.4 BATTERIES, GENRAL; SEMICONDR CTRCELL
KS15928L1-L2, KS19200L1, KS20019L1, L3, KS20637L1-L2, KS20784L1

FOR ALL UNITS

◆ 157-322-701 (4/0)	2.02	CHECK MAXIMUM VOLTAGE DROP	MW 6M	-----
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OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

KS-15928 L1-L2 SELENIUM CEMF

◆	157-322-701 (4/0)	2.01	(A) CHECK FORWARD VOLTAGE DROP	MW 6M	-----
◆		2.03	(A) CHECK MINIMUM CEMF VOLTAGE DROP	MW 6M	-----
	KS-19200L1, KS-20019L1 SILICON CEMF				
◆	157-322-701 (4/0)	2.01	(B) CHECK FORWARD VOLTAGE DROP	MW 6M	-----
◆		2.03	(B) CHECK MINIMUM CEMF VOLTAGE DROP	MW 6M	-----
	KS-20637L1-L2 SILICON CEMF				
◆	157-322-701 (4/0)	2.01	(C) CHECK FORWARD VOLTAGE DROP	MW 6M	-----
◆		2.03	(C) CHECK MINIMUM CEMF VOLTAGE DROP	MW 6M	-----
	KS-20784L1 SILICON CEMF				
◆	157-322-701 (4/0)	2.03	(D) CHECK FORWARD VOLTAGE DROP	MW 6M	-----
◆		2.03	(D) CHECK MINIMUM CEMF VOLTAGE DROP	MW 6M	-----
◆	KS-20019 L3 SILICON CEMF				
◆	157-322-701 (4/0)	2.01	(B) CHECK FORWARD VOLTAGE DROP	MW 6M	-----
	9.5 BATTERIES, GENRAL; ALKALINE COUNTERCELLS, KS-5170 TYPE				
	FOR ALL UNITS				
	157-321-701 (13/0)	2.01	CHECK ALKALINE SOLUTION LEVEL	MW 3M	-----
		2.02	CHECK TEMPERATURE OF ALKALINE SOLUTION (AS REQUIRED).	MW *	-----
		2.03	CHECK DEPTH OF OIL	MW 3M	-----
		2.04	CHECK CONDITION OF CELL	MW 3M	-----
		2.05	CHECK TERMINAL CONNECTIONS	MW 3M	-----
		2.06	CHECK CELL VOLTAGE	MW 3M	-----
	9.6 BATTERIES, GENRAL; TESTER DSCH, RECH				
	SELECT ONLY ONE CATEGORY				
	KS-20142 L1 LORAIN CORP				
	157-601-504 (2/1)	5.01	(A) CLEAN AND INSPECT BLOWER MOTOR	MW 12M	-----
		5.01	(B) CHECK MECHANICAL CONNECTIONS	MW 12M	-----
		5.01	(C) CLEAN UNIT	MW 12M	-----
	KS-20142 L1 FAN-TRON CORP				
	157-601-505 (2/0)	5.01	CLEAN AND INSPECT	MW 12M	-----
	KS-20770 L1 LORAIN CORP				
	157-601-506 (1/2)	5.01	(A) CHECK BLOWER MOTOR	MW 6M	-----
		5.01	(B) CHECK MECHANICAL CONNECTIONS	MW 6M	-----
		5.01	(C) CLEAN & INSPECT	MW 6M	-----
	TROUBLE TESTS				
	KS-20142 L1 LORAIN CORP				
	157-601-504 (2/1)	6.02	OPEN FUSES	TT	-----
	KS-20142 L1 FAN-TRON CORP				
	157-601-505 (2/0)	6.02	DEFECTIVE CKT BOARD ASSEMBLY	TT	-----
		6.03	DEFECTIVE CKT BOARD ASSEMBLY	TT	-----
		6.04	TROUBLE CHART	TT	-----

SECTION 157-001-012

KS-20770 L1 LORAIN CORP

157-601-506 (1/2)	6.02	OPEN FUSES	TT	-----
	6.03	DEFECTIVE CKT BOARD ASSEMBLY	TT	-----
	6.04	TROUBLE CHART	TT	-----
	8.01	POINT TO POINT VOLTAGES	TT	-----

9.7 BATTERIES,GENERAL; KS-21906 SLD RCHGTBL PB/ACD STORAGE BATTERY

FOR ALL UNITS

157-627-101 (1/1)	7.02	CHECK BATTERY BUS VOLTAGE	MW 3M	-----
	7.03	STORED BATTERIES STORAGE TIME LIMIT CHECK	MW 6M	-----