LEAD-ACID TYPE STORAGE BATTERIES
REQUIREMENTS
(CONDENSED SECTION FOR 157-601-701)

1. REQUIREMENTS (Also See Section 020-012-711)

Caution: Avoid creation of sparks including those from static electricity or the use of an open flame near batteries since the gas is explosive when sufficiently concentrated.

1.01 Report adverse conditions that can not be corrected immediately to the supervisor.

1.02 There shall be no excess ***moss, sediment,*** or ***sulfate.***

1.03 Battery ***connections*** shall be tight and free from dirt and corrosion.

1.04 ***Containers*** shall be free from cracks, leaks, and spraying or creepage of electrolyte.

1.05 ***Covers*** shall be clean and in good condition. ***Seals*** between covers and containers shall be intact. The seal may be considered as intact unless there are definite signs of electrolyte creepage between the container and the cover.

1.06 ***Plates*** shall not be badly buckled, cracked, or broken. Small cracks or holes caused by the cracking-out of small pellets of active material require no correction.

1.07 ***Battery rack, cabinet,*** or ***casing,*** and ***battery containers*** shall be clean, and ***paint on woodwork, cable, conduit,*** and ***copper bus bars*** shall be in good condition and not eaten by or exposed unnecessarily to electrolyte. ***Lids, doors,*** or ***removable panel casings*** shall fit properly. ***Casing cabinet*** or rack shall be level. ***Vent pipes*** shall be unobstructed.

TABLE 1 — CELL DATA

KS-5361 LIST NO.*	8-HOUR DISCHARGE AMPS	RANGE SP GR	CHARGE NOM	AMPS (NOTE) A
116				
Exide	1.25	40	1.0	0.015
Gould	1.25	55	1.0	0.015
C & D	1.25	40	1.0	0.010
120				
Exide	1.87	80	1.5	0.020
Gould	1.87	80	1.5	0.020
C & D	1.87	62	1.5	0.020
130				
Exide	3.75	82	3	0.035
Gould	3.75	80	3	0.035
C & D	3.75	64	3	0.035
140 & 141				
Exide	6.25	105	5.25	0.065
Gould	6.25	85	5.25	0.065
C & D	6.25	90	5.25	0.065
150 & 151				
Exide	12.50	115	10.5	0.110
Gould	12.50	95	10.5	0.110
C & D	12.50	100	10.5	0.110

* Basic list numbers only are shown. Values also apply to all variations of basic lists covered by suffix letters.

Note: In the absence of local instructions or experience to the contrary, the approximate trickle rates listed in column A may be used for maintaining current settings where the battery is to be idle for an extended period. They are not recommended for any other use.