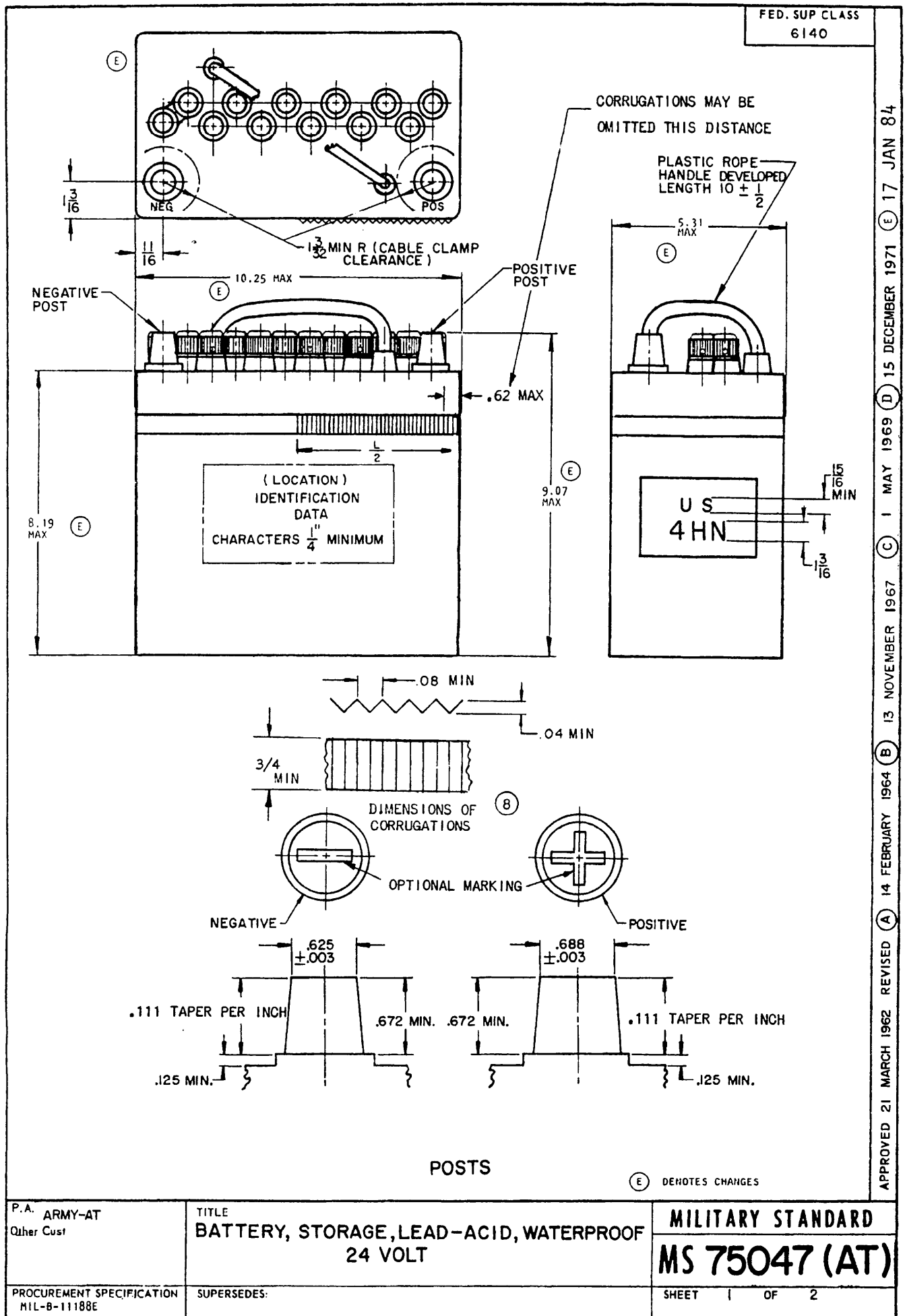


REVIEW ACTIVITIES: ARMY-ER, DLA-GS
USER ACTIVITIES: ARMY-ME

This military standard is approved for use by the US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.



FED. SUP CLASS
6140

4HN

(E)

QUALITY CONFORMANCE INSPECTION REQUIREMENTS	
TEST	MINIMUM VALUES
FILLED DISCHARGE AT 75 AMPS AND 80°F TIME TO DROP TO 1 VOLT PER CELL	5.5 MINUTES
FULL CHARGE CAPACITY AT 80°F	21 AMP-HOURS
HIGH DISCHARGE RATE AT 75 AMPS AND MINUS 40°F TIME TO DROP TO 1 VOLT PER CELL	1.75 MINUTES
LIFE CYCLE CAPACITY TEST I	196 CYCLES
OVERCHARGE CYCLE TEST	8 CYCLES
RETENTION OF CHARGE	16.8 AMP-HOURS
RESERVE CAPACITY	28 MINUTES

PHYSICAL AND ELECTRICAL REQUIREMENTS		
BB-297/U		(4HN)
MS PART NUMBER	CHARGED AND DRY	MS 75047-1
	CHARGED AND WET	MS 75047-2
NORMAL WEIGHT	UNFILLED	29 POUNDS
	FILLED	38 POUNDS
NORMAL VOLTAGE		24 VOLTS
FINAL VOLTAGE AT 20 HOUR RATE		21 VOLTS
RATED CAPACITY AT 20 HOUR RATE		21 AMP-HRS
DISCHARGE AT 20 HOUR RATE		1.05 AMPS
CHARGING RATE		1.05 AMPS

NOTES:

1. FOR CHARGED AND DRY BATTERIES (MS 75047-1) ELECTROLYTE NOT FURNISHED.
2. FOR CHARGED AND WET BATTERIES (MS 75047-2) TO BE FILLED WITH ELECTROLYTE, CHARGED AND READY TO USE.
3. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm 1/16$.
4. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
5. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN BY DIMENSIONS, NOTATIONS AND REFERENCED DOCUMENTS.
6. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.
7. MARKING SHALL CONSIST OF THE IDENTIFICATION DATA SPECIFIED IN MIL-B-11188E.
8. CORRUGATIONS MAY BE LOCATED ON CONTAINER OR COVER.

P.A. ARMY-AT Other Cust.	TITLE BATTERY, STORAGE, LEAD-ACID, WATERPROOF 24 VOLT	MILITARY STANDARD MS 75047 (AT)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 2 OF 2

APPROVED 21 MARCH 1962 REVISED (E) FOR CHANGES SEE SHEET 1 AND 2

This military standard is approved by the U. S. Army Tank-Automotive Command, Department of the Army, and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.