

TECHNICAL MANUAL
OPERATOR'S AND ORGANIZATIONAL
MAINTENANCE MANUAL

WATER PURIFICATION UNIT, VAN-TYPE
BODY MOUNTED, ELECTRIC DRIVEN, AC,
115, 208 V, SINGLE - AND 3-PHASE, 60 HERTZ,
1/20 TO 2 HP; 3000 GPH
(MET-PRO MODEL 3000V)
NSN 4610-00-168-1799

This copy is a reprint which includes current pages from Changes 1 through 6. -
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This manual together with TM 5-4610-223-34, 30 June 1980, supersedes TM 5-4610-223-15, 4 September 1969, including all changes.

H E A D Q U A R T E R S , D E P A R T M E N T O F T H E A R M Y

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No. 5-4610-223-12



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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U. S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120 1798. A reply will be furnished directly to you.

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CHAPTER 1

INTRODUCTION

SECTION I. GENERAL

1-1. SCOPE.

This manual is for use in operating and maintaining the water purification unit.

1-2. MAINTENANCE FORMS AND RECORDS.

Maintenance forms and records required for use are as follows:

- a. DA Form 2404 (Equipment Inspection and Maintenance Worksheet).
- b. DA Form 2407 (Maintenance Request Used for Requesting Support Maintenance).
- c. DA Form 2407-1 (Continuation Sheet Used for Requesting Support Maintenance).
- d. For further information, refer to DA Pam 738-750, The Army Maintenance Management System (TAMMS).

1-3. ADMINISTRATIVE STORAGE.

- a. Storage Site.

- (1) Select best available site for administrative storage.

Separate stored equipment from equipment in use. Conspicuously mark the area "Administrative Storage".

- (2) Covered space is preferred. When sufficient covered space for all items to be stored is not available, priority shall be given items which are most susceptible to deterioration.

- (3) Open sites shall be improved hardstand, if available. Unimproved sites shall be firm, well drained, and kept free of excessive vegetation.

- (4) Placement of equipment in administrative storage should be for short periods of time when shortage of maintenance effort exists. Items should be in mission readiness within 24 hours or within time factors, as determined by directing authority. During storage period, appropriate maintenance records will be kept.

- (5) Before placing equipment in administrative storage, current maintenance services and equipment serviceable criteria (ESC) evaluations should be completed, shortcomings and deficiencies should be corrected and all modification work orders (MWOs) should be applied.