

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL**

**WATER PURIFICATION UNIT, VAN-TYPE,
BODY MOUNTED, ELECTRIC DRIVEN,
AC, 115/208V. SINGLE PHASE,
60 HERTZ, 1/20 TO 2 HP, 3000 GPH**

**MODEL MET-PRO 3000V
NSN 4610-00-168-1799**

This copy is a reprint which includes current pages from Changes 1 and 2.

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(MET-PRO MODEL 3000V) NSN 4610-00-168-1799

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), 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.**

a. These instructions cover the 3000 gallon per hour (gph) Met-Pro Model 3000V, van-type body mounted, water purification unit. They provide information on the maintenance of the equipment which is beyond the scope of the tools, equipment, personnel, or supplies normally available to using organizations.

b. Appendix A contains a list of references. TM 5-4610-223-12 contains the maintenance allocation chart. The list of repair parts required by direct and general support maintenance facilities for support of the 3000 gph water purification unit is contained in TM 5-4610-223-35P.

1-2. MAINTENANCE FORMS AND RECORDS.

- 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. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR).

EIR's can and must be submitted by anyone who is aware of an unsatisfactory condition with the equipment design or use. It is not necessary to show a new design or list a better way to perform a procedure, just simply tell why the design is unfavorable or why a procedure is difficult. EIR's may be submitted on SF 368 (Quality Deficiency Report). Instructions for preparing EIR's are provided in DA Pam 738-750, The Army Maintenance Management System. Mail directly to Commander, U.S. Army Troop Support Command, ATTN: AMSTR-QX, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

1-4. DESTRUCTION OF ARMY MATERIAL TO PREVENT ENEMY USE.

a. General. When capture of the water purification unit by an enemy or abandonment of it to the enemy is imminent, the responsible unit commander must make the decision either to destroy the equipment