TECHNICAL MANUAL

OPERATOR AND UNIT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)
FOR
WATER QUALITY ANALYSIS SET: PURIFICATION
(WQAS-P)

Part Number: IITC-WQAS/P-00001
NSN: 6630-01-477-2395

DISTRIBUTION STATEMENT A - Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY

JUNE 2001
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CURRENT AS OF 31 MAY 2001

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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HOW TO USE THIS MANUAL

CONTENT

This manual is provided for your use in operating and maintaining the Water Quality Analysis Set: Purification. You must familiarize yourself with the entire maintenance procedures before beginning the maintenance task. Maintaining the Water Quality Analysis Set: Purification includes preventive maintenance checks and services.

MANUAL OVERVIEW

To help you become familiar with this new kind of manual as quickly as possible, spend some time looking through the pages. The manual has a new look that is different from the look of the manuals you've been using. You'll find that it's a lot easier to use and you'll be able to find what you're looking for faster. The following is a list and description of each chapter and appendix.

a. Chapter 1 DESCRIPTION AND THEORY OF OPERATION.

Contains general information, purpose of equipment, equipment description, and technical principles of operation regarding the complete Water Quality Analysis Set: Purification.

b. Chapter 2 OPERATOR INSTRUCTIONS.

Contains operating instructions, both under usual and unusual conditions, operation of auxiliary equipment, and preventive maintenance checks and services (PMCS).

c. Chapter 3 OPERATOR TROUBLESHOOTING PROCEDURES.

Contains operator troubleshooting procedures.

d. Chapter 4 UNIT TROUBLESHOOTING PROCEDURES.

Contains unit troubleshooting procedures.

e. Chapter 5 OPERATOR MAINTENANCE INSTRUCTIONS.

Contains operator instructions and maintenance procedures.

f. Chapter 6 UNIT MAINTENANCE INSTRUCTIONS.

Contains unit instructions and maintenance procedures.

g. Chapter 7 SUPPORTING INFORMATION.

1. References

Contains a listing of all forms and technical manuals referred to in this manual.


Contains a listing of all maintenance significant items and their applicable maintenance functions assigned to each maintenance category.

3. Repair Parts and Special Tools List.

Contains listings for components of the end item, and basic issue items.

4. Components of End Item and Basic Issue Items List.

Contains an alphabetized tabular listing of all consumable items used in the maintenance or repair of the Water Quality Analysis Set: Purification.

h. Rear Matter

1. GLOSSARY

Contains an alphabetical list of terms, acronyms and abbreviations used in this manual.

2. INDEX.

Contains an alphabetical index by subject matter contained in this manual.

3. DA Form 2028

DA Form 2028, with instructions for submittal and sample for usage.
SCOPE.

This manual covers the use and maintenance of the Water Quality Analysis Set: Purification (WQAS-P) see figure below, in testing water for contamination and quality. This manual provides descriptions of the various meters and accessory equipment, and supplies operation and maintenance instructions. Also included are instructions for preparing the unit for storage and shipment.

MAINTENANCE FORMS AND PROCEDURES.

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA Pam 738-750, The Army Maintenance Management System, or AR 700-138, Army Logistics Readiness and Sustainability.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATION (EIR).

If your Water Quality Analysis Set: Purification needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don’t like about your equipment. Let us know why you don’t like the design or performance. Put it on an SF 368 (Product Quality Deficiency Report). Mail it to us at Commander, U.S. Army TACOM, ATTN: AMSTA-LC-CJA, Warren, MI 48397-5000. We will send you a reply.