

**HAND RECEIPT**

**COVERING CONTENTS OF COMPONENTS OF  
END ITEM (COEI), BASIC ISSUE ITEMS (BII),  
AND ADDITIONAL AUTHORIZATION LIST (AAL)**

**FOR**

**WATER PURIFICATION UNIT, REVERSE  
OSMOSIS, 600 GPH, TRAILER MOUNTED  
FLATBED CARGO  
MODEL WPES-1**

**Approved for public release; distribution is unlimited.**

***\* This manual, together with TM 10-4610-215-10-HR and TM 10-4610-239-10-HR,  
supersedes TM 5-4610-215-10-HR, 19 February 1991, including all changes.***

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**13 MARCH 1992**

**HAND RECEIPT**

**COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI),  
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FOR  
WATER PURIFICATION UNIT REVERSE  
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**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes 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 directly to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MMTS, 4300 Goodfellow Boulevard, St. Louis, Missouri 63120-1798. A reply will be furnished to you.

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**\* This manual, together with TM 10-4610-215-10-HR and TM 10-4610-239-10-HR, supersedes TM 5-4610-215-10-HR, 19 February 1991, including all changes.**

## Section I. INTRODUCTION

**1. SCOPE.** This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to the 600 GPM ROWPU (Model WPES-1).

### 2. GENERAL.

a. Section II is the overprinted DA Form 2062 which lists the line item entry for system/end item and the content of COEI, BII, and AAL extracted from TM 10-4610-240-10. The listings consist of exactly the same items and are in the same sequence as those listings in TM 10-4610-240-10.

b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form 2062 is authorized. However, organizations will comply with local policies in the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies may be requisitioned from the U.S. Army Publications Distribution Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896, in accordance with Chapter 12, AR 25-30.

**3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062).** Refer to DA Pam 710-2-1, Chapter 6, for additional information required to complete DA Form 2062.

a. FROM. Enter the organization, unit, section or squad which issues the property.

b. TO. Enter the Unit Identifier Code (UIC) and the hand receipt file number of the unit/personnel receiving the property.

c. HAND RECEIPT NUMBER. Enter a locally designated number. Use it to post the location of property in the property book.

d. END ITEM STOCK NUMBER. Contains the National Stock Number (NSN) of the end item covered by the hand receipt.

e. END ITEM DESCRIPTION. Contains the end item short title.

f. PUBLICATION NUMBER. Contains the TM number of the technical manual containing the operator/crew instructions for the equipment.

g. PUBLICATION DATE. Date of the operator/crew technical manual.

h. QUANTITY. Quantity of the end item covered by this hand receipt.

i. STOCK NUMBER (column a). National stock number of the item described. Items without stock numbers should be requisitioned by Commercial and Government Entity Code (CAGEC) and part number with exception data in accordance with AR 710-2.

j. ITEM DESCRIPTION (column b). Enter a description of the end item, to include the make or model, and the serial/USA number, followed by item description of COEI, BII, and AAL items. In addition, it will contain the 5-digit Commercial and Government Entity Code (CAGEC), Part Number (P/N), and "Used On Code," if applicable.

MODEL  
WPES-1

USED ON CODE  
EAS

k. \* (column c). The Accounting Requirements Code (ARC) is provided here. One of the following ARC's will apply:

**NOTE**

The Accounting Requirements Code (ARC) refers to property accountability, not the Recoverability Code (RC). The ARC and the RC are listed in the Army Master Data File (AMDF).

N-Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item.

D - Durable: Nonconsumable components of sets, kits, outfits, and assemblages; all tools in FSC's 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220, and 5280; and any other nonconsumable with a price in excess of \$50.00 not already "N".

X - Expendable: Items regardless of type classification or price and which are consumed in use. Includes all class 9 repair parts. Items not consumed in use Which cost \$50.00 or less and not already "N" or "D".

1. SEC (column d). The Controlled Inventory Item Code (formerly SEC code) is entered here. This is a one-position code which indicates the security classification, security risks, or pilferage controls required for storage or transportation of assets. Order of precedence for assignment of codes is classified, sensitive, pilferable, unclassified, as applicable. Codes applicable to this hand receipt are as follows:

SEC CODE	CONTROLLED INVENTORY ITEM CODE
U	UNCLASSIFIED PILFERABLE ITEMS
M	Handtools and shop equipment
J	Pilferable item due to its size, shape and utility, which does not fall under one of the above categories. Pilferage controls may be designated by the coding activity to items coded U (unclassified) by recoding the items to J

m. UI (column e). Unit of Issue. Refer to AR 708-1 and/or CDA Pam 18-1 (Catalog Data Activity) for explanation of abbreviations used in this column.

- n. QTY AUTH (column f). The quantity authorized to be on hand, or part of the end item.
- o. QUANTITY (column g). Actual quantity on hand. Subcolumns A through F are to be filled in by the receiving unit/personnel in accordance with DA Pam 710-2-1, chapter 6.
- p. PAGE\_\_\_\_OF\_\_\_\_PAGES. Contains page number and total number of pages for the COEI, BII, and AAL portions of the hand receipt. Hand receipt holder will initial each page No. (only when two or more forms are involved). When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

**4. AUTHORIZATION DOCUMENTS.**

- a. Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).
- b. Basic Issue Items (BII) are authorized by the applicable operator's manual.
- c. Additional Authorization List (AAL) items are authorized by appropriate MTOE, TDA, CTA or JTA authorization documents.

**5. SPECIAL INFORMATION.** Items coded (.) indicate information is not available.

SECTION II. HAND RECEIPT

<b>HAND RECEIPT/ANNEX NUMBER</b> <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER
FOR ANNEX DATE QUANTITY CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION WATER PURIFICATION	PUBLICATION NUMBER	PUBLICATION

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	< <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
4610-01-295-2720	WATER PURIFICATION UNIT, REVERSE OSMOSIS 600 GPH, TRAILER MOUNTED FLATBED CARGO, 5 TON, 4 WHEEL TANDEM ROWPU MODEL WPES-1	N		EA	1						
	COMPONENTS OF END ITEM										
4730-01-267-0001	ADAPTER ASSEMBLY, FEMALE NPSH TO FEMALE CAM-LOCK (97403) 13227E8836	N		EA	1						
4730-01-131-8245	ADAPTER, NOSE; BRASS; 2 INCH - 1-12 NPSH INTERNAL ONE END; 1 1/2 INCH - 1-1/2 NPSH EXTERNAL OTHER END (97403) 1322E5277-1	N		EA	2						
	NYA ADAPTER, STRAIGHT, PIPE TO HOSE (97403) 13228E3312-14	N		EA	4						
	NYAADAPTER, STRAIGHT PIPE TO HOSE (97403) 13228E3312-16	N		EA	2						
4730-00-278-8271	ADAPTER, STRAIGHT, PIPE TO HOSE: BRASS PIPE END 1 1/2 INCH - 1-1/2 NPT EXTERNAL;	N		EA	2						
★ WHEN USED AS A:											

HAND RECEIPT, enter Hand Receipt Annex Number  
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).  
 EDITION OF JAN 58 IS OBSOLETE.

PAGE 1 OF 18 PAGES.  
CURRENT AS OF 1 JULY 1991

DA FORM 2062  
JAN 82

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	« <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	COEI - CONTINUED										
	HOSE END 1 11/2 INCH - 1-1/2 NPSH INTERNAL; (81349) MIL-C-52404, TYPE XVI, CLASS B										
4730-00-277-6844	ADAPTER, STRAIGHT, PIPE TO HOSE: BRASS; PIPE END 1 1/2 INCH - 1-1/2 NPT EXTERNAL; HOSE END 1 1/2 NPSH EXTERNAL (81349) MIL-C-52404 TYPE XVI, CLASS C	N		EA	1						
4730-00-277-6845	ADAPTER, STRAIGHT, PIPE TO HOSE: BRASS; PIPE END 2 INCH - 1 1/2 NPSH EXTERNAL; HOSE END 2 INCH - 1 1/2 NPSH EXTERNAL; (81349) MIL-C-52404, TYPE XVI, CLASS C	N		EA	1						
4730-01-088-1698	ADAPTER, SWIVEL, HOSE: BRASS; 2 INCH - 1 1/2 NPSH EXTERNAL ONE END: 1 1/2 INCH - 1 1/2 NPSH INTERNAL SWIVEL OTHER END (97403)13221 E8277	N		EA	1						
4730-01-107-7630	ADAPTER, SWIVEL, PIPE TO HOSE: BRASS; PIPE END 2 INCH -1 1/2 NPT EXTERNAL; HOSE END 2 INCH - 1 1/2 NPSH INTERNAL(97403 13221 E8290-2	N		EA	1						
4730-00-277-1873	BUSHING, PIPE: SHOULDER (96906) MS14315-20Y	N		EA	2						

<b>HAND RECEIPT/ANNEX NUMBER</b> <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER
FOR ANNEX DATE CR ONLY	END ITEM STOCK NUMBER 4610-01-295-2720	END ITEM DESCRIPTION WATER PURIFICATION UNIT, REVERSE OSMOSIS 600 GPH	PUBLICATION NUMBER TM 10-4610-240-HR	PUBLICATION 1

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	< <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	COEI - CONTINUED										
7240-01-223-3439	CAN ASSEMBLY, CHEMICAL FEED CHLORINE: (97403) 13226E7990-4	N		EA	1						
7240-01-224-2852	CAN ASSEMBLY, CHEMICAL FEED, CITRIC ACID: (97403) 13226E7990-3	N		EA	1						
7240-01-223-3438	CAN ASSEMBLY, CHEMICAL FEED, POLYMER: (97403) 13226E7990-1	N		EA	1						
7240-01-223-3437	CAN ASSEMBLY, CHEMICAL FEED, SODIUM HEX (97403) 13226E7990-2	N		EA	1						
4610-01-128-1844	CARTRIDGE, CHEMICAL AGENT REMOVAL (97403) 13221E8341-2	X		EA	1						
4610-01-116-0501	CARTRIDGE, RADIOLOGICAL CONTAMINANT REMOVAL; NO.D9001 (05852); (97403) 13221E8341-1	X		EA	1						
	CHEST ASSEMBLY, STORAGE (97403) 13221E8380-1	N		EA	1						

★ WHEN USED AS A:  
 HAND RECEIPT, enter Hand Receipt Annex Number  
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STOCK NUMBER a.	ITEM DESCRIPTION b.	c	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	COEI - CONTINUED										
	CHEST ASSEMBLY, STORAGE (97403)	N		EA	1						
	13221E8380-2										
4730-00-908-3194	CLAMP, HOSE; LOW PRESSURE, TYPE "F", (96406) MS35842-11 (96906)	N		EA	6						
4730-01-125-4456	COUPLING PIPE: CORROSION RESISTANT (97403) 13218E0439-8	N		EA	1						
4610-01-105-2075	ELEMENT, REVERSE OSMOSIS, SPIRAL WOUND (97403)1 3226E2212	X		EA	8						
4610-00-066-2478	FLOAT, FIGURE 4, (81349) MIL-W-52482	N		EA	1						
6115-00-118-1240	GENERATOR SET, DIESEL ENGINE DRIVEN TACTICAL, UTILITY, SKID MTD, 30KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS 50/60 HERTZ (81349) MIL-G-52884/5	N		EA	1						
	NYA HOSE ASSEMBLY, COTTON RUBBER LINED: SINGLE JACKET; SYNTHETIC; 300 PSI TEST PRESSURE; BRASS COUPLING EACH END, FED SPEC WW-C-62 1, TYPE B 1, EXPANSION RING, ROCKER LUG, RIGID EXTERNAL THD ONE END AND SWIVEL INTERNAL THD OTHER END; 1 1/2 INCH- 1 1/2 NPSH; 1 1/2 IN ID; 25 FT.LG,	N		EA	6						

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	< <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	COEI - CONTINUED										
	EXCLUDING COUPLINGS, ZZ-H-451, TYPE 1, CLASS B, SIZE 1 1/2, FOR POTABLE WATER USE, (SEE PARA 3.4.1.1 OF ZZ-H-451).										
NYA	HOSE ASSEMBLY, POLYESTER, RUBBER LINED: SINGLE JACKET; SYNTHETIC; 350 PSI TEST PRESSURE BRASS COUPLING EACH END, FED SPEC WW-C-62 1, TYPE B 1, EXPANSION RING, ROCKER LUG, RIGID EXTERNAL THD ONE END AND SWIVEL INTERNAL OTHER END; 2 INCH - 1 1/2 NPSH; 1 INCH ID; 25 FT. LG, EXCLUDING COUPLINGS; ZZ-H-45 1, TYPE III, CLASS B, SIZE 2 FOR GENERAL WATER USE										
NYA	HOSE ASSEMBLY, RUBBER, SMOOTH BORE, SUCTION AND DISCHARGE, WRAPPED FABRIC CONSTRUCTION, WIRE REINFORCEMENT, 100 PSI TEST PRESSURE,	N		EA	3						

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	« <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	COEI - CONTINUED										
	BRASS COUPLING EACH END, WW-C-624,										
	TYPE B 1, EXPANSION RING, ROCKER LUG,										
	RIGID EXTERNAL THD ONE END AND SWIVEL										
	INTERNAL THD OTHER END; 2 INCH - 1 1/2										
	NPSH, 2 INCH ID; 10 FT LONG EXCLUDING;										
	ZZ-H-56 1, GRADE B, STYLE A, CLASS I,										
	SIZE 2, (GENERAL WATER USE INNER TUBE)										
NYA	HOSE ASSEMBLY, RUBBER, SMOOTH BORE, SUCTION	N		EA	9						
	AND DISCHARGE, WRAPPED FABRIC CONSTRUCTION,										
	WIRE REINFORCEMENT, 100 PSI TEST PRESSURE,										
	BRASS COUPLING EACH END, WW-C-624,										
	TYPE B1, EXPANSION RING, ROCKER LUG,										
	RIGID EXTERNAL THD ONE END AND SWIVEL										
	INTERNAL THD OTHER END; 1 1/2 INCH - 11 1/2										
	NPSH, 1 1/2 INCH ID; 10 FT LONG EXCLUDING										
	COUPLINGS ZZ-H-56 1, GRADE B, STYLE										
	A, CLASS 2, SIZE 1 1/2 (POTABLE WATER USE										
	INNER TUBE)										
NYA	METER ASSEMBLY, MONITOR, DISSOLVED	N		EA	1						
	SOLIDS (97403) 13227E7585										

<b>HAND RECEIPT/ANNEX NUMBER</b> <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER
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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	< <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	COEI - CONTINUED										
4930-00-902-4642	NOZZLE, FUEL AND OIL SERVICING, PISTOL GRIP SELF-CLOSING; W/INTEGRAL STRAINER; 1 1/2 INCH NPT, INTERNAL INLET; RIGID SPOUT: W/REDUCING BUSHING, DUST CAP, STRAINER AND NOZZLE (81349) MIL-N-52110, TYPE 1, SIZE 2	N		EA	1						
4320-01-083-9863	PUMP ASSEMBLY BACKWASH (97403) 13222E5260	N		EA	1						
4320-01-083-9859	PUMP ASSEMBLY, DISTRIBUTION (97403) 13222E5265	N		EA	1						
4320-01-084-2235	PUMP ASSEMBLY, RAW WATER(97403) 13222E5250	N		EA	2						
7125-01-232-7686	RACK, CHEMICAL FEED CAN (97403) 13222E5250	N		EA	1						
4730-01-133-1727	REDUCER, ADAPTER: 1/2 NPT EXTERNAL X 3/4 HOSE INTERNAL (27901) 61148	N		EA	2						

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	« <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	COEI - CONTINUED										
5975-01-053-3991	ROD, GROUND: THREE 3 FT SECTIONS: W/ATTACHMENTS: W-R-550, TYPE III, CLASS B	N		EA	1						
2540-01-115-1513	STEP, PORTABLE, (97403) 13221E8342	N		EA	1						
4730-00-684-4296	STRAINER, SUCTION HOSE: BRASS; CYLINDRICAL (97403) 13228E8307	N		EA	1						
NYA	STRAP ASSEMBLY (97403) 13220E5288-5	N		EA	3						
5430-01-170-6984	TANK, ASSY FABRIC, COLLAPSIBLE: WATER STORAGE, 3000 GAL: (81349) MIL-T- 14398	N		EA	3						
2330-01-226-0709	TRAILER, FLATBED: 600 GPH ROWPU (97403) 13222E7100	N		EA	1						
4270-01-132-0800	TUBING, FLEXIBLE, REINFORCED: 80.00 INCH LONG (97403) 13221E8367-2	N		EA	3						
4820-00-288-7568	VALVE, GATE, 1 1/2 INCH 1-1/2 NPT (81348) WWV-54	N		EA	1						
4820-00-595-1847	VALVE GATE 2-1-1/2 NPT (81348) WWV-54	N		EA	1						
	BASIC ISSUE ITEMS - BII										
5140-00-772-4142	BAG, TOOL, ENVELOPE TYPE: COTTON DUCK: SIZE 4, 10 1/8 INCH H 20 1/4 INCH LONG, (81349) MIL-B-43648	D		EA	2						

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FOR ANNEX DATE CR ONLY	END ITEM STOCK NUMBER 4610-01-295-2720	END ITEM DESCRIPTION WATER PURIFICATION UNIT, REVERSE OSMOSIS 600 GPH	PUBLICATION NUMBER TM 10-4610-240-HR	PUBLICATION 1

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	< <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
6135-00-850-3177	BATTERY, DRY: 9 VOLT; 2 TERMINALS SNAP-ON TERMINAL; RECTANGULAR SHAPE (81348) W-B-101	X		BX	1						
6640-00-942-4393	BEAKER, LABORATORY: WITH SPOUT BOROSILICATE GLASS, 250 ML (81348) NNN-B-1 75	D		EA	3						
6810-00-242-4770	CALCIUM, HYPOCHLORITE 3 3/4 LB BOTTLE (81348) O-C- 11743, TYPE 1	X		BT	4						
7520-00-559-9618	CASE, MAINTENANCE AND OPERATIONAL MANUALS; COTTON DUCK, MILDEW RESISTANT, WATER REPELLANT, 22 INCH H, 12.75 INCH LG. (81349) MIL-C-11743	D		EA	1						
6810-01-164-3975	CITRIC ACID, 3/4 LB BOTTLE (81349) MIL-C- 11029	X		BT	5						
6850-01-167-5318	COAGULANT, LIQUID 2.35 LB BOTTLE (81349) MIL-C-52947	X		BT	3						
6630-01-044-0334	COMPARATOR, COLOR (12308) U25337	D		EA	1						

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	« <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
6640-01-086-7603	CYLINDER, GRADUATED, PLASTIC: 100 ML (22527) NO. 8-572D										
NYA	DISCHARGE VALVE COVER CAPSCREW ADAPTER, 1/2 INCH HEX BAR, 2 IN LONG (61748) 001	X		EA	1						
4240-00-022-2946	EAR MUFF-TYPE HEARING PROTECTORS	X		EA	1						
6515-00-137-6345	EAR PLUGS, DISPOSABLE: 400 PER BOX	X		BX	1						
5120-00-243-7326	EXTENSION, SOCKET WRENCH: 5 INCH LONG; (81348) GGG-W-641	D		EA	1						
5120-00-288-7679	EXTRACTOR, LAMP	D		EA	1						
4610-01-128-6277	FILTER, TUBE: FOR CARTRIDGE FILTER: (97403) 13226E22 10	X		EA	1						
6230-00-264-8261	FLASHLIGHT: TYPE 1, STYLE 2, (81349) MIL-F-3747	D		EA	1						
NYA	GLAND ADJUSTING TOOL, 3/16 INCH DIA ROD, 8 INCH LONG (61748) 003	D		EA	1						
5120-00-061-8545	HAMMER, HAND: 1 1/2 LB HEAD WEIGHT; TYPE 2, STYLE B, CLASS 1, (81348) GGG-H-86	D		EA	1						
5120-00-251-4489	HAMMER, HAND: 8 LB HEAD WEIGHT; DOUBLE FACE, TYPE X, CLASS 1 (81348) GGG-H 86	D		EA	1						

<b>HAND RECEIPT/ANNEX NUMBER</b> <i>For use of this form, see DA PAM 710-2-1</i> <i>The proponent agency is ODCSLOG.</i>	FROM:	TO:	HAND RECEIPT NUMBER
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FOR ANNEX DATE QUANTITY CR ONLY	END ITEM STOCK NUMBER <b>4610-01-295-2720</b>	END ITEM DESCRIPTION WATER PURIFICATION <b>UNIT, REVERSE OSMOSIS 600 GPH</b>	PUBLICATION NUMBER <b>TM 10-4610-240-HR</b>	PUBLICATION <b>1</b>
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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	< <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
5120-00-249-1071	HANDLE, SOCKET WRENCH: BRACE SPEEDER TYPE; 16 INCH TO 20 INCH LONG (81348)	D		EA	1						
	GGG-W-641										
5120-00-230-6385	HANDLE SOCKET WRENCH: RATCHET TYPE REVERSIBLE; 9 INCH (81348) GGG-W-641	D		EA	1						
6810-00-087-2340	INDICATOR SOLUTION, PH, 16oz BOTTLE (81349) MIL-1-52701	X		BT	1						
5120-01-045-4890	KEY SOCKET HEAD SCREW: 5MM (57719) AWM-5C	D		EA	1						
NYA	LAMP, INCANDESCENT: 120 VOLTS, 100 WATTS (96906) W-L-101/77	X		EA	1						
NYA	LAMP, INCANDESCENT: BULB SIZE S-6; 6 WATTS (96906) MS15567-2	X		EA	9						
6240-00-901-9755	LIGHT, EXTENSION: CLOSED END GUARD W/HOOK; PLASTIC BODY W/SWITCH LAMP ACCOMMODATION INCL; 50 FT LG; (81348)	D		EA	1						
	W-L-661										

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	« <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
5120-00-293-3399	MALLET, RUBBER: BARREL-SHAPED, 20 OZ, TYPE III, CLASS 3, (81348) GGG-H-33 MANUAL, TECHNICAL OPERATOR'S MAINTENANCE MANUAL 600 GPH REVERSE OSMOSIS WATER PURIFICATION UNIT	D		EA	1						
	TM 10-4610-240-10 ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL 600 GPH REVERSE OSMOSIS WATER PURIFICATION UNIT			EA	1						
	TM 10-4610-240-24 UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LIST (RPSTL)			EA	1						
5120-00-293-3399	MALLET, RUBBER: BARREL-SHAPED, 20 OZ, TYPE III, CLASS 3, (81348) GGG-H-33	D		EA	1						
4610-00-542-4639	MEASURE, DRY CHEMICAL, WATER PURIFICATION: PLASTIC, CALCIUM HYPOCHLORITE; 0.05 LB. GRADUATIONS; 0.20 LB (81349) MIL-M-52373	D		EA	1						

<b>HAND RECEIPT/ANNEX NUMBER</b> <i>For use of this form, see DA PAM 710-2-1</i> <i>The proponent agency is ODCSLOG.</i>	FROM:	TO:	HAND RECEIPT NUMBER
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FOR ANNEX DATE CR ONLY	END ITEM STOCK NUMBER 4610-01-295-2720	END ITEM DESCRIPTION WATER PURIFICATION UNIT, REVERSE OSMOSIS 600 GPH	PUBLICATION NUMBER TM 10-4610-240-HR	PUBLICATION 1
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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	< <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
4610-00-115-7521	MEASURE, DRY CHEMICAL, WATER PURIFICATION: SODIUM HEXAMETAPHOSPHATE; 0.1 LB (97403) 13221 E8334	D		EA	1						
NYA	MEASURE, LIQUID, WATER PURIFICATION: ELECTROLYTE, 107 ML (97403) 13221E8329	D		EA	1						
6630-00-127-4774	METER, DISSOLVED SOLIDS (97403) 13222E5258	D		EA	1						
7330-00-972-5211	PADDLE, (81349) MIL-W-52482	D		EA	1						
4610-01-088-3233	PADDLE, ALUMINUM (97403) 13221E8328	D		EA	1						
7240-00-137-1609	PAIL, UTILITY: PLASTIC OR RUBBER, POURING LIP, WITH BAIL (81348) L-P-65, SIZE 4	D		EA	1						
5120-00-223-7396	PLIERS, SLIP-JOINT: 6 INCH LG; (81348) GGG-P-47 1, TYPE 2, STYLE A, CLASS 2	D		EA	1						
5120-01-135-0062	PULLER, REVERSE OSMOSIS ELEMENT: (97403) 13221E8330	D		EA	1						

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						A	B	C	D	E	F
	BII - CONTINUED										
NYA	ROPE, FIBROUS: MANILA HEMP; TYPE M	X		FT	3						
	CLASS 1, .75 IN DIA (81348) T-R-605										
5305-01-088-7410	SCREW, MACHINE-STEEL, HEX HD SLOTTED, CARBON STEEL, CAD PLTD, 1/4 - 20 UNC - 2A 2 INCH LG (96906) MS 51849-102	X		EA	8						
5120-00-234-8913	SCREWDRIVER, CROSS TIP: PHILLIP; PLASTIC HANDLE; NO. 2 TIP; 4-INCH BLADE; (81348) GGG-S- 121 TYPE IV, CLASS 1, STYLE 1	D		EA	1						
5120-00-596-8502	SCREWDRIVER, FLAT TIP: FLARED TIP; PLASTIC HANDLE; 1/4 INCH WIDTH TIP; 1 1/2 INCH LG BLADE (81348) GGG-S-121, TYPE I, STYLE 1, CLASS 3	D		EA	1						
5120-00-234-8910	SCREWDRIVER, FLAT TIP: FLARED, PLASTIC HANDLE; 5/16 INCH WIDTH TIP; 6 INCH LG BLADE (81348) GG-S- 121, TYPE I, DESIGN A, SHAPE A	D		EA	1						
5120-00-237-0984	SOCKET, SOCKET WRENCH: 1/2 INCH (81348) GGG-W-641	D		EA	1						
5120-00-189-7935	SOCKET, SOCKET WRENCH: 9/16 INCH (81348) GGG-W-641	D		EA	1						
5120-00-189-7946	SOCKET, SOCKET WRENCH: 5/8 INCH (81348) GGG-W-641	D		EA	1						

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FOR ANNEX DATE QUANTITY CR ONLY	END ITEM STOCK NUMBER <b>4610-01-295-2720</b>	END ITEM DESCRIPTION <b>WATER PURIFICATION UNIT, REVERSE OSMOSIS 600 GPH</b>	PUBLICATION NUMBER <b>TM 10-4610-240-HR</b>	PUBLICATION <b>1</b>

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	< <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
5120-00-235-5870	SOCKET, SOCKET WRENCH: 1 1/16 INCH (81348) GGG-W-641	D		EA	1						
5120-00-189-7985	SOCKET, SOCKET WRENCH: 3/4 INCH (81348) GGG-W-641	D		EA	1						
5120-00-189-7934	SOCKET, SOCKET WRENCH: 7/8 INCH (81348) GGG-W-641	D		EA	1						
5120-00-189-7935	SOCKET, SOCKET WRENCH: 15/16 INCH (81348) GGG-W-641	D		EA	1						
6810-01-164-3941	SODIUM HEXAMETAPHOSPHATE 2 LB BOTTLE (87349) MIL-S-5 1078	X		BT	2						
NYA	STUFFING BOX FLANGE CAPSCREW ADAPTER 3/8 INCH HEX BAR, 4 INCH LONG (61748) 002	D		EA	1						
6810-01-044-0315	TABLETS, CHLORINE, TEST (79172) U-25410	X		BX	1						
6685-01-103-9938	THERMOMETER, SELF INDICATING; 0-220°F; 5 INCH STEM (65092) MODEL 2292	D		EA	1						
6630-01-105-2058	TUBE TURBIDITY (97403) 13221E8335	D		EA	1						
5120-00-148-7917	WRENCH SET, COMBINATION BOX AND OPEN END; 15 DEG OFFSET BOX; OPENING, 5/16 TO 1 INCH OPENINGS; W/ROLL (81348) GGG-W-636	D		ST	1						

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						A	B	C	D	E	F
	BII - CONTINUED										
5120-00-264-3796	WRENCH, ADJUSTABLE: CHROMIUM PLATED	D		EA	1						
	OPEN END; SINGLE HEAD (81348) GGG-W-63 1,										
	TYPE I, CLASS 1, SIZE 2										
5120-00-264-3795	WRENCH, ADJUSTABLE: STEEL CHROMIUM PLATED:	D		EA	1						
	OPEN END; SINGLE HEAD (81348) GGG-W-63 1,										
	TYPE 1, CLASS 1, SIZE 6										
5120-00-228-9517	WRENCH, BOX AND OPEN END 1 1/2 INCH (81348)	D		EA	1						
	GGG-W-636										
5120-00-242-3240	WRENCH, PIPE-STRAP: 1/8"-2" PIPE SIZE	D		EA	1						
	12 INCH LG (81348) GGG-W-651										
5120-00-277-1479	WRENCH, PIPE: ADJUSTABLE JAW, STILLSON	D		EA	2						
	PATTERN; ALUMINUM ALLOY; 1 TO 20 INCH IPS;										
	18 INCH LG. (81348) GGG-2-65 1, TYPE II, CLASS C										
5120-00-277-4244	WRENCH; PLIER:STRAIGHT JAW STYLE: 10 INCH	D		EA	1						
	NOM LG; TYPE I, CLASS 1, STYLE A										
	(81348) GGG-W-00649										
5120-00-293-1602	WRENCH, SPANNER: UNIVERSAL HOSE	D		EA	2						
	COUPLINGS; 1-3 INCH HOSE COUPLING 11 INCH LG.										
	(81348) GGG-W-665										

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STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	« <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
5120-00-378-4411	WRENCH, WHEEL STUD NUT: 1-1 1/2 INCH HEX OPENING ONE END AND .812 INCH SQ OPENING OTHER END; W/REMOVABLE HANDLE: (87641) 151	D		EA	1						

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						A	B	C	D	E	F
	ADDITIONAL AUTHORIZATION LIST (AAL)										
	NOT APPLICABLE										

TM 104610-240-10-HR

By Order of the Secretary of the Army:

**GORDON R. SULLIVAN**  
*General, United States Army*  
*Chief of Staff*

Official

  
**MILTON H. HAMILTON**  
*Administrative Assistant to the*  
*Secretary of the Army*  
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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.	IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.
PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER			SIGN HERE	

# The Metric System and Equivalents

## Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

## Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigrams = .035 ounce  
 1 decagram = 10 grams = .35 ounce  
 1 hectogram = 10 decagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

## Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

## Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

## Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

## Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
----	------------------------	----------------------------	---------------------	----



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