



**TECHNICAL BULLETIN**

\*TB43-0002-37

**MAINTENANCE EXPENDITURE LIMITS FOR  
FSC GROUP 46  
FSC CLASS 4610**

**DISTRIBUTION** STATEMENT AS APPROVED FOR PUBLIC RELEASE DISTRIBUTION IS UNLIMITED

HEADQUARTERS, DEPARTMENT OF THE ARMY

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Headquarters,  
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**MAINTENANCE EXPENDITURE LIMITS FOR FSC GROUP 46  
(FSC CLASS 4610)**

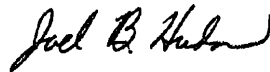
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**By Order of the Secretary of the Army:**

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MAINTENANCE EXPENDITURE LIMITS FDR  
FSC GROUP 46  
FSC CLASS 4610

**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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms), to: Commander, US Army Aviation and Troop Command, ATTN. AM-SAT-IMP. 4399 Goodfellow Boulevard, St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to > daf2028@st-louis-emh7 army mil> **A reply will be furnished to you.**

DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED

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\*This bulletin supersedes TB 43-0002.37,1 June 1987.

...and disposition  
...excess equipments.

...Army organizations, installations, ac-  
...and reserve components worldwide that use the equipments listed in  
the appendixes. This bulletin is also applicable to Army depots with assigned  
overhaul mission.

## Section II. ONE-TIME REPAIR EXPENDITURE LIMITS

### 3. Procedure

a. One-time expenditure limits are applicable each time an item is repaired. The one-time repair expenditure limit is applied against the standard price of the end item as listed in current Department of the Army publications.

b. The procedure for determining the repair expenditure limit for an item is as follows:

- (1) Identify the item by NSN, make, model, and serial number and production year. This data may be obtained from either the equipment data plate, equipment logbook, or property book.
- (2) Obtain the standard price of the item from Department of the Army or Federal Supply Catalog (ML) or SB 710-1-1.
- (3) Locate item in the appendix that contains the FSC Classes to which item is assigned.
- (4) Determine the percentage factor, columns 7 through 13, that is applicable for the calendar year that repair or overhaul is required.

(5) Multiply the end item standard price by the percentage factor ((4) above) to determine the one-time allowance repair costs.

### 4. Expenditure Limits

a. The one-time expenditure limit is a percent of the acquisition cost of the end item; for labor, components, assemblies and repair parts applicable to the end items, that have remaining repair eligibility cited in this bulletin.

b. One-time expenditure limits are shown in the appendix as indicated below:

FSC Class 4610—Appendix Water Purification Units

c. End items that are not listed in the appendix, are not eligible for repair, with the exception of minimum maintenance required to maintain it in a safe operable condition.

## Section III TECHNICAL INSPECTION

5. Procedure. Support maintenance organizations and activities are responsible for performing the technical inspections, incident to repair or evacuation of items listed in this bulletin. These inspections must be performed by experienced, technically qualified maintenance personnel. Inspections will be performed in accordance with applicable equipment technical manuals and DA PAM 738-750. When equipment is to be repaired at any level of support maintenance, the current serviceability standards applicable to the maintenance category performing the repair will apply.

6. Forms. DA Form 3590 (Request for Disposition or Waiver) and DA Form 2404 (Equipment Inspection and Maintenance Worksheet) will be used to record results of technical inspections. Instructions on preparation and use of these forms are found in TB 43-0140 and DA PAM 738-750, respectively.

## Section IV. COMPUTATION OF REPAIR COST ESTIMATES

7. Cost Factors. Computation of repair cost estimates will be made in accordance with instructions contained in AR 750-1.

8. Procedures. Technical inspection findings will be converted to repair cost estimates by use of instructions contained in paragraphs 4 and 5 of this bulletin and AR 750-1. Exclusions to the estimate of cost to repair are listed in AR 750-1.

**10. Disposition instructions.**

a Items Will all be reported to the National Inventory Control Point (NICP) for disposition instructions under the following conditions

(1) The estimated one-time repair cost exceeds the prescribed expenditure limits and waiver of limits is not authorized as provided for in paragraph 4-30, AR 750-1. No action will be taken to dispose of equipment until disposition instructions are received from the NICP.

(2) The repairs required to restore an item to a serviceable condition are beyond the capabilities of General Support maintenance regardless of estimated repair cost, except as provided for in b. below

b Depot repair is authorized in oversea commands without referral lo NICP when reports can be accomplished within the prescribed expenditure limits.

inspection report on DA Form 3590 (r-request for Disposition or Waiver in three copies If the equipment being reported is a set, separate copies of DA Form 3590 will be prepared for each major PEMA component

e Equipment will not be reported for disposition solely on the basis that it is overage Serviceable overage equipment will be retained in use unless priority of organization's mission warrants a replacement Repairs to overage equipment will be limited to the maintenance necessary to maintain it in a safe, operable condition

f Disposition of **items** in CONUS depot stock will be determined **by** the NICP

g Expenditure limits for all Military Standard Engines are prescribed in TB 750-97-28

**Section VI. APPENDIX**

**11. General.** The Appendix contains equipment listings and data for determining repair eligibility. The equipment listings contain only those end items that are known to be in hands of troops or depot stock. These listings are not to be used as an identification list of the items assigned to the FSC Classes indicated. For complete identification of FSC Group 4 materiel, refer to the appropriate supply catalogs.

**12. Explanation of Columns.**

a. *Column 1-FSC or Stock Number.* End item National stock numbers listed in numerical sequence

b. *Column 2- Item identification* Item generic nomenclature functional capability, make and model.

c. *Column 3 - Technical Manual Number identification to End Item and Remarks* This column contains the applicable end item technical manual(s) identification.

d. *Column 4 - Production Year.* The year that item was manufactured. If no data is shown, refer to equipment data plate or equipment logbook.

e. *Column 5 - Serial No Range or USA Number.* The serial number ranges for the production years listed in column 4

f. *Column 6- Years of We Expectancy.* The average life expectancy of the item in years.

g *Columns 7 through 13 - Repair Limitations.* The percent of end item price, according to years, that is authorized as a one-time repair expenditure The dates in columns 7 through 13 designate the final year that the percentage factors at top of columns are applicable. Items not listed are not eligible for repair, except the minimum maintenance required to maintain it in a safe, operable condition

**13. References.**

Army Materiel Maintenance Concepts and Policies AR 750-1

Reporting, Utilization and Distribution of Installation, U S Army Materiel Command, and Oversea Command **Excess Personal Property**----- AR 755-1

The Army Maintenance Management System (TAAMS) DA PAM 738-750

Instructions for Preparation of Request for Disposition or TB 43-0140

Maintenance Expenditure Limits for Military Standard Engines (Military Design) and Outboard Motors --- TB 750-97-28

Army Adapted/Other items Selected for Authorization/ List of Reportable items SB 710-1-1

**DOD Single Line Item Requisition System Document (Manual)**----- DD Form 1348

APPENDIX  
EXPENDITURE LIMITS FOR FSC CLASS 4810

FSC or National Stock No.	Item Identification	Technical manual number identification to end item and remarks	Production Year	Serial No range or USA No	Yrs of Life expectancy	Repair Limitations						
						65%	70%	55%	50%	45%	40%	25%
	2	3	4	5	6	7	8	9	10	11	12	13
4610-00-168-1799	Water Purification Unit, Van Body, Mtd 3000GPH, MET-PRO Model 3000V, SC 4610-97-CL-E06	TM 5-4610-233-15, 20P, 34P	1970	See Note 1	15	1986		1988				1990
4610-00-649-8385	Water Purification Unit, Van Body, Mtd 3000GPH, MET-PRO Model 3000-2700, SC 4610-97-CL-E06	TM 5-4610-203-12, 35, 20P and 35P	1960	See Note 1	15	1986		1988				1990
4610-00-857-0330	Water Purification Unit, Base, Mtd. 3000GPH, MET-PRO Model 3000-2700A, SC 4610-97-CL-E07	TM 5-4610-205-10, 20, 20P, 35, 35P	1961	All Serial Numbers	20	1986		1988				1990
4610-00-879-4612	Water Purification Unit, Van Body, Mtd. 1500GPH, MET-PRO Model 1500-2600A, SC 4610-97-CL-E05	TM 5-4610-221-12, 20P, 34, 35P	1974	See Note 1	15	1986		1988				1990
4610-00-880-0154	Hypochlorination Unit, Water Driven, 100GPM, Wallace and Tiernan Model A506111	TM 5-4610-210-14 and Parts	1968	All Serial Numbers	12	1986		1988				1990
4610-00-880-0278	Water Pretreatment Decontamination Equipment Set, SC4610-97-CL-E11	TM 5-4610-207-12 and Parts	1974	All Serial Numbers	12	1986		1988				1990
4610-01-009-3713	Water Purification Unit, Light Weight, 420GPH, MET-PRO Model 420-1974, SC4610-97-CL-E13	TM 5-4610-208-14, 24P	1976	All Serial Numbers	10	1985		1986				1988
4610-01-016-9964	Water Purification Unit, Van Body Mtd. 1500 GPH, ETC Model S 1500, SC4610-97-CL-E05	TM 5-4610-221-12, 20P, 34, 35P	1976	See Note 1	15	1985		1988				1990
4610-01-023-4536	Kit, Laundry Waste Water Treatment, MET-PRO Model 913 40-198, SC4610-97-CL-E14	Commercial Manual	1978	All Serial Numbers	10				1986			1988

APPENDIX  
EXPENDITURE LIMITS FOR FSC CLASS 4810  
-Continued

FSC or National Stock No	Item Identification	Technical manual number identification to end item and remarks	Production Year	Serial No range or USA No	Yrs of Life expectancy	Repair Limitations						
						5%	70%	55%	50%	45%	40%	25%
1	2	3	4	5	6	7	8	9	10	11	12	13
4610-01-093-2380	Water Purification Unit, Reverse Osmosis, 600GPH, Tnr Mtd, SC4610-97-CL-E16	TM 5-4610-215-10, 24, 24P	1981	All Serial Numbers	15				1996			1998
4610-01-114-1450	Storage and Distribution System, Potable Water 800,000 Gallons, American Air Filter Model 13225E9124	TM 5-4610-228-13, 23P, 10HR	1991	All Serial Numbers	15	1997			1999			2006
4610-01-114-1451	Storage and Distribution System, Potable Water 40,000 Gallons, Engineered Air Systems Model 13225E9118	TM 10-4610-234-13, 23P	1988	All Serial Numbers	15	1994			1996			2003
4610-01-114-1452	Storage and Distribution System, Potable Water 1,000,000 Gallons, American Air Filter Model 13225E9119	TM 10-4610-228-13, 23P, 10HR	1982	All Serial Numbers	15	1988			1990			1997
4610-01-114-1453	Storage and Distribution System, 300,000 Gallons, Engineered Air Systems, Model 13225E9127	TM 5-4610-228-13 23P, 10HR	1991	All Serial Numbers	15	1997			1999			2006
4610-01-120-7529	Storage and Distribution System, 20,000 Gallons, Engineered Air Systems, Model 13225E9128	Commercial Manual	1983	All Serial Numbers	15	1989			1991			1998
4610-01-121-0161	Water Purification Unit, Reverse Osmosis, 150,000GPD, Cosmodyne, Model PD81148	Commercial Manual	1982	All Serial Numbers	15	1988			1990			1997
4610-01-219-8707	Water Purification Unit, Reverse Osmosis, 3000 GPH, Trailer MTD	TM 10-4610-232-12, 34, 24P, 10HR TB-4610-232-34	1991	All Serial Numbers	20	1996	1997		2001		2006	2011
4610-01-234-2196	Water Purification Unit, Reverse Osmosis, 600 GPH, Trailer Mounted MDL 0996109001	TM 10-4610-239-10, -10HR, -24, -24P	1988	All Serial Numbers	20	1993	1996		2000		2003	2006

APPENDIX  
EXPENDITURE LIMITS FOR FSC CLASS 4610  
- Continued

FSC or National Stock No	Item Identification	Technical manual number identification to end item and remarks	Production Year	Serial No range or USA No	Yrs of Life expectancy	Repair Limitations						
						65%	70%	55%	50%	45%	40%	25%
	2	3	4	5	6	7	8	9	10	11	12	13
4610-01-250-3724	Hypochlorination Unit, Frame-MTD Auto Controlled 350 GPM Model 1955-3	TM 10-4610-233-13 & P	1990	All Serial Numbers	12	1995			1998			2002
4610-01-295-2720	Water Purification Unit, Reverse Osmosis, 600 GPH, Trailer-Mounted Model WPES-1	TM 10-4610-240-10, -10HR, -24, -24P	1990	All Serial Numbers	20	1995	1998		2002		2005	2010
4610-01-341-6289	Water Purification Unit, Reverse Osmosis, 600 GPH, Trailer-Mounted Model WPES-10	TM 10-4610-241-10, -24, -24P TB 10-4610-241-24 LO 10-4610-241-12	1993	All Serial Numbers	20	1998	2001		2005		2008	2013
4610-01-360-1581	Storage and Distribution System Potable Water WSD5810	TM 10-4610-243-13, -23P	1992	All Serial Numbers	1992	1998			2000			2007
4610-01-360-1582	Storage and Distribution System, Potable Water, 300K WSDS 310	TM 10-4610-242-13, 23P	1992	All Serial Numbers	15	1998			2000			2007
4610-01-364-4485	Hypochlorination Unit, MDL: AHY001	TM 10-4610-244-13, 23P	1994	All Serial Numbers	12	1999			2002			2006
4610-01-382-3547	Storage and Distribution System, Potable Water, 800K WSDS 800	TM 10-4610-243-13, 23P	1993	All Serial Numbers	15	1999			2001			2006
4610-01-382-3583	Storage and Distribution System, Potable Water, 40K WSDS 40K	TM 10-4610-234-13, 23P	1994	All Serial Numbers	15	2000			2002			2009
NOTE 1. Designated expenditures apply only to those end items which have previously been equipped with the multi-fuel chassis.												



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By order of the Secretary of the Army:

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