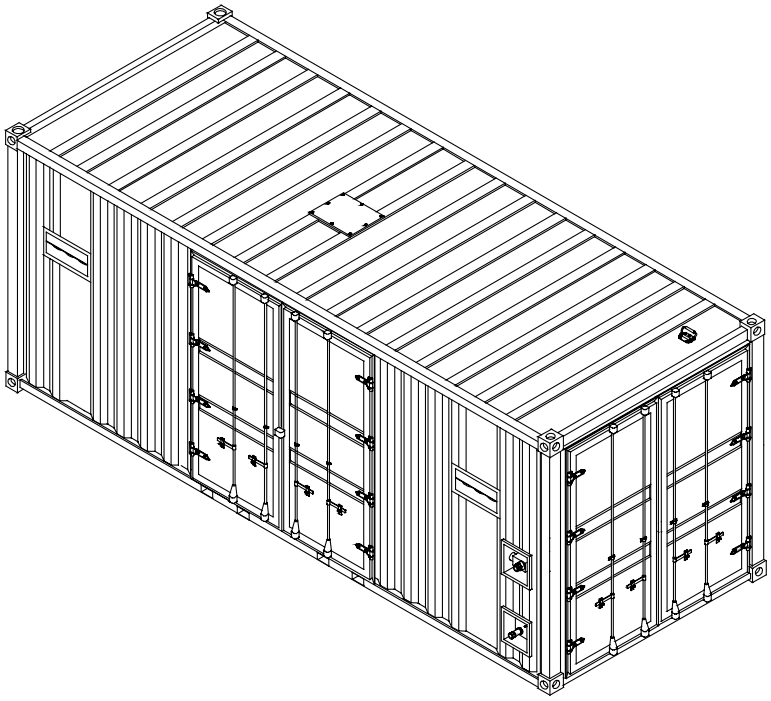
TECHNICAL MANUAL

OPERATOR'S, UNIT AND DIRECT SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

CONTAINERIZED SELF SERVICE LAUNDRY (CSSL) MODEL A (NSN 3510-01-474-9035)



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HEADQUARTERS, DEPARTMENT OF THE ARMY

01 JUNE 2001

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CONTAINERIZED SELF SERVICE LAUNDRY (CSSL) MODEL A

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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 together with DA Form 2028 (Recommended Changes to Publications and Blank Forms), located in the back of this manual, directly to: Commander, U.S. Army Soldier and Biological Chemical Command, ATTN: AMSSB-RIM-E (N), Kansas Street, Natick, MA 01760-5052. You may also send in your recommended changes via electronic mail directly to amssb-rim-e@natick.army.mil. A reply will be furnished to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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HOW TO USE THIS MANUAL

This Manual contains General Information, Operating Instructions, Operator Preventive Maintenance Checks and Services (PMCS), Troubleshooting, and Maintenance/Repair instructions for the Containerized Self Service Laundry (CSSL) MODEL A.

Chapter 1 contains introductory information on the CSSL and its associated equipment as well as a Theory of Operation. Chapter 2 includes operating instructions under usual and unusual conditions. Chapter 3 contents include operator troubleshooting, PMCS, and service procedures. Chapter 4 contains Unit Maintenance instructions. Chapter 5 contains Direct Support Maintenance Instructions. Chapter 6 contains references and other supporting information. Chapter 6 also includes the Repair Parts and Special Tools List (RPSTL) that identifies those parts or tools, which are unique to the operation and maintenance of this equipment.

Manual Organization and Page Numbering System. The Manual is divided into six major chapters that detail the topics mentioned above. Within each chapter are work packages covering a wide range of topics. Each work package is numbered sequentially starting at page 1. The work package has its own page numbering scheme and is independent of the page numbering used by other work packages. Each page of a work package has a page number of the form XXXX YY-ZZ where XXXX is the work package number (e.g. 0010 is work package 10) and YY is the revision number for that work package and ZZ represents the number of the page within that work package. A page number such as 0010 00-1/2 blank means that page 1 contains information but page 2 of that work package has been intentionally left blank.

Finding Information. The Table of Contents permits the reader to find information in the manual quickly. The reader should start here first when looking for a specific topic. The Table of Contents lists the topics contained within each chapter and the Work Package Sequence Number where it can be found.

Example: If the reader were looking for instructions on “Preventive Maintenance Checks and Services”, which is an Operator Maintenance topic, the Table of Contents indicates that Operator Maintenance information can be found in Chapter 4. Scanning down the listings for Chapter 4, “Preventive Maintenance Checks and Services” information can be found in WP 0009 00 (i.e. Work Package 9).

An Alphabetical Index can be found at the back of the Manual. It lists specific topics with the corresponding work package.

CONTAINERIZED SELF SERVICE LAUNDRY (CSSL) MODEL A GENERAL INFORMATION

SCOPE

This Technical Manual contains instructions for the operation, as well as preventive, and corrective maintenance of the Containerized Self Service Laundry (CSSL) (Refer to Figure 1.)

The CSSL is non-organizational equipment and must be requested through Army support channels.

Type of Manual: Operator's, Unit, and Direct Support Maintenance, including Repair Parts and Special Tools List.

Model Number and Equipment Name: Containerized Self Service Laundry (CSSL) MODEL A, P/N 5-13-6536, NSN 3510-01-474-9035

Purpose of Equipment: The CSSL provides cold-water washing and drying capacity of 10lbs per washer/ dryer. It can support 120 personnel over a 20 Hour operating period. CSSL components can be operated by MOS non-specific personnel, however, initial power connections must be made by MOS 51R, 52C, 52D, or 52G qualified personnel.

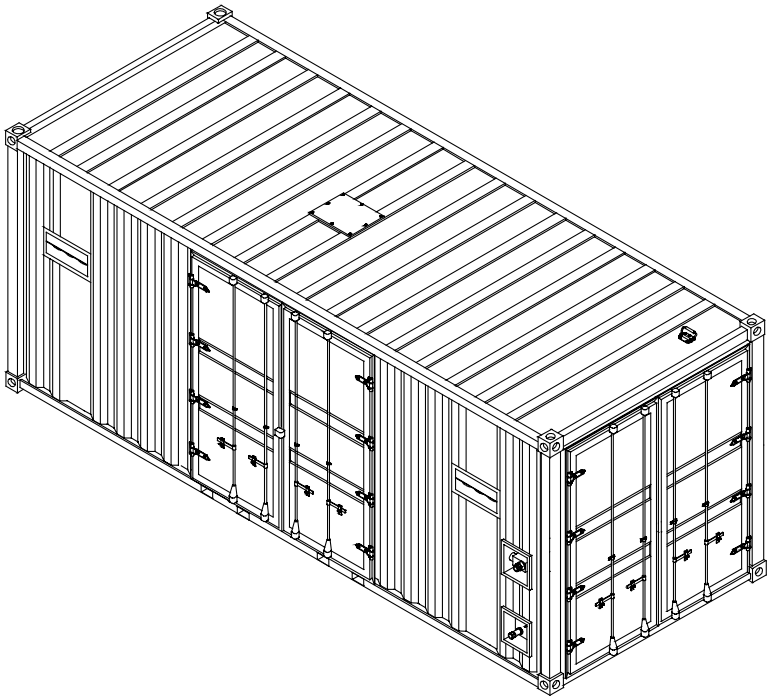

Figure 1. Containerized Self Service Laundry (Stored Configuration)

MAINTENANCE FORMS RECORDS AND REPORTS.

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, Functional Users Manual for The Army Maintenance Management System (TAMMS) (Maintenance Management Update).

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRs).

If your CSSL 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 SF368 Product Quality Deficiency Report. Mail it to: Commander U.S. Army Soldier and Biological Chemical Command; ATTN: AMSSC-I-LO, Kansas St. Natick MA 01760-5052. We will send you a reply.

CORROSION PREVENTION AND CONTROL (CPC).

Corrosion Prevention and Control (CPC) of Army materiel is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items.

While corrosion is typically associated with rusting of metals, it can also include deterioration of other materials, such as rubber or plastic. Unusual cracking, softening, swelling or breaking of these materials may be a corrosion problem.

If a corrosion problem is identified, it can be reported using SF 368, Product Quality Deficiency Report. Use of key words such as (corrosion, rust, deterioration or cracking) will ensure that the information is identified as a CPC problem. This form should be submitted to the address specified in DA Pam 738-750.

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE.
For procedures to destroy this equipment to prevent its use by the enemy refer to TM 750-244-3, Procedures for Destruction of Material to Prevent Enemy Use.

NOMENCLATURE CROSS-REFERENCE LIST.

Common Name	Official Name
Alarm	Wastewater pump control panel
Bootwall	TEMPER End Section ISO, Modified
Container	Shelter Modified, Welded Assembly, CSSL
CSSL	Containerized Self Service Laundry
Freshwater hose	Hose Assembly, Fresh Water, 2"
Pressure tank	Tank pre-pressurized, diaphragm type
Tent	TEMPER, Section Window
Wastewater hose	Hose Assembly, Discharge, Waste Water, 2"
Water Pump	Water Pump, Centrifugal (Freshwater)
Washer/Dryer	Maytag Stacked Washer/Dryer Units
Wastewater pump	Pump unit (Waste)
Endwall	TEMPER End Section

LIST OF ABBREVIATIONS/ACRONYMS.			
AAL	Additional Authorization List	MTOE	Modified Table of Organization and Equipment
BII	Basic Issue Item	NBC	Nuclear, Biological, Chemical
COEI	Component of end item	NIIN	National Item Identification Number
CPC	Corrosion Prevention Control	NSN	National Stock Number
CSSL	Containerized Self Service Laundry	PMCS	Preventive Maintenance Checks and Services
cm	Centimeter	P/N	Part Number
^{0}C	Degrees Celsius (Centigrade)	PSI	Pounds per square inch
^{0}F	Degrees Fahrenheit	POL	Petroleum, Oil and Lubricant
EIR	Equipment Improvement Recommendation	QD	Quick Disconnect
GFCI	Ground Fault Circuit Interrupt	RCPT	Receptacle
GPM	Gallons per Minute	RPSTL	Repair Parts and Special Tools List
hr	Hour	SMR	Source, Maintenance, and Recoverability
IAW	In Accordance With	TEMPER	Tent, Extendable, Modular, Personnel
ISO	International Organization For Standardization	TMDE	Test, Measurement and Diagnostic Equipment
in	Inches	TOE	Table of Organization and Equipment
Kg	Kilogram	U/M	Unit of Measure
kW	Kilowatt	UOC	Usable On Code
lbs	Pounds	VAC	Volt Alternating Current
lt	Liter	WP	Work Package
MOS	Military Occupational Specialty		
MSDS	Material Safety Data Sheet		

SAFETY, CARE AND HANDLING, WARNINGS, CAUTIONS AND NOTES.

Always pay attention to Warnings, Cautions and Notes appearing throughout the manual. They will appear prior to applicable procedures. Ensure you read and understand their content to prevent serious injury to yourself and others, or damage to equipment.