

***SB 740-97-3800-1**

DEPARTMENT OF THE ARMY SUPPLY BULLETIN

**Storage Serviceability Standard for TROSCOM Materiel
CONSTRUCTION, MINING, EXCAVATING, AND
HIGHWAY MAINTENANCE EQUIPMENT SETS**

Headquarters Department of the Army, Washington, D. C.
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*This bulletin supersedes SB 740-3820-97-F09, 13 February 1970; SB 740-3820-97-F10, 2 September 1969; SB 740-3820-97-E11, 3 September 1969; SB 740-3820-97-E12, 2 September 1969; SB 740-3820-97-F13, 2 September 1969; SB 740-3820-97-E14, 2 March 1970; and SB 740-3895-97-E14, 15 April 1970.

SECTION I

INTRODUCTION

1. Purpose. This bulletin provides a storage serviceability standard for use in measuring the materiel readiness status of stocks in the custody of supply and storage activities.

2. Scope. This bulletin applies to all Department of the Army CONUS and oversea depots engaged in the receipt, storage, and issue of TROSCOM materiel.

3. Definitions. a. Definitions for the majority of specialized terms used herein can be found in MIL-STD-109, Quality Assurance Terms and Definitions.

b. Definitions for other specialized terms are as follows :

(1) Storage serviceability standard A written procedure providing storage methods and standards and prescribing the necessary requirements for the surveillance of material in storage.

(2) Surveillance. A system whereby supplies and equipment are subjected to, but not limited to cyclic, scheduled and special inspection and continuous actions to assure that material is maintained in a ready for issue condition

(3) Visual inspection. An inspection by visual means to observe the item and/or its packaging and packing to detect deficiencies. Visual inspection normally does not require disassembly or testing of the item.

(4) Technical inspection. An inspection by visual and/or other means including disassembly, measuring (gaging), performance testing and/or laboratory testing.

(5) Defects and defectives. A defect is any nonconformance of the unit of product with specified requirements. A defective is a unit of product which contains one or more defects. The classification of defects and defectives is the listing of possible defects of the unit of product, or defectives, classified according to their seriousness.

(a) Critical. A critical defect is one that judgement and experience indicate could result in hazardous or unsafe conditions for individuals using or maintaining the product, or for major end items of units of a product, a defect that could prevent performance of their tactical func-

tions. A critical defective is a unit of product that contains one or more critical defects.

(b) Major. A major defect is a defect, other than critical, that could result in failure, or materially reduce the usability of the unit of product for its intended purpose, or seriously affect the appearance when appearance is a major characteristic of the item.

A major defective is a unit of product that contains one or more major defects.

(c) Minor. A minor defect is one that does not materially reduce the usability of the unit of product for its intended purpose, or is a departure from established standards having no significant bearing on the effective use or operation of the unit, or affects the appearance in a minor degree when appearance is a significant characteristic. A minor defective is a unit of product that contains one or more minor defects

4. General. It is the Army's objective to attain and maintain a constant materiel readiness status of supplies and equipment in depot stocks. The scope of this objective is of such magnitude that only general guidelines are provided by Chapter 3, Sec VIII, of TM 743-200-1 for the quality evaluation of materiel in the custody of supply and storage activities. This standard supplements TM 743-200-1 by providing a systematic procedure for storage surveillance inspection of the sets mentioned in paragraph 6 and indicates the limiting degree of deterioration, damage, unsatisfactory storage practices and other characteristics acceptable. It also establishes the basis for identifying material requiring segregation, remedial care and preservation or reclassification action. Applicable requirements of the standard may be used for performing receipt and preshipment quality control inspections

5. Recommendation for Maintenance Publications Improvements. You can help to improve this manual by calling attention to errors and by recommending improvements. Your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) should be mailed direct to: Commander, US Army Troop Support Command, 4300 Goodfellow Boulevard, ATTN: AMSTS-SDP, St. Louis, Mo 63120

SECTION II

STORAGE AND SPECIAL INSTRUCTIONS

6. Applicable Items. This bulletin is applicable to those sets listed in appendix I.

7. Preservation, Packaging and Packing. Preservation, packaging and packing will be in accordance with the packaging references cited in the Packaging Segment of the Army Master Data File (AR 708-1)

8. Marking. Marking will be in accordance with MIL-STD-129

9. Storage. a Type Type of storage will be in accordance with SB 740-1.

b Age Control The sets covered by this bulletin will be issued on a First-In-First-Out (FIFO) basis by date of receipt or assembly action.

c Shelf-Life The sets covered by this bulletin have an indefinite shelf-life.

10. Formation of Lots. The selection of representative samples for surveillance evaluation is based on the homogeneity of the lot Subject to the limitations of this rule, inspection lots should be as large as possible To encompass these principles, the formation of lots for surveillance will consist of manufacturer's lots, grand lots, or mixed lots.

a Manufacturer's Lot The manufacturer's lot, batch, or control number will be used whenever possible in the selection of samples This would include lots of sizeable quantities in original packs

b. Grand Lot

(1) The grouping together of several lots of one manufacturer can effect an increase of lot size However, the following conditions must be met by these lots before material can be considered for grouping into a grand lot:

(a) Identical stock number, class, type, model

(b) Same manufacturer.

(c) Manufactured within a period of twelve months

(d) Comparable storage history.

(e) Identical packaging

(f) No known significant difference in quality

(2) The grand lot may be formed when the complete analysis of all available data, including the conditions noted above and the technical judgement of the surveillance team, indicate the homogeneity of all significant characteristics. The formation of a grand lot at a depot is only a paper transaction and does not require any re-warehousing or reworking of material. Where

such grand lots are formed and sampled for surveillance, reports of results should include a complete description of the grand lot composition in each case. If the samples drawn from the grand lot indicate heterogeneity of the individual lots making up the grand lot, the grand lot will then be terminated and manufacturer's lot sampling substituted.

c. Mixed Lot. The mixed lot is formed of one or more lots whose identification by manufacturer or lot number has been lost and its relationship to other lots cannot be determined. An example of this is depot rollback or repacks of represerved material. Several mixed lots may be grouped into grand lots if surveillance inspection data indicates that these mixed lots are similar in their significant characteristics.

11. Storage Quality Control. a. Sample Selection. Select samples of material in a manner that will assure each unit in the lot has an equal chance of being selected. Biased methods, such as selecting items from the same position in the container, pallets or stacks, taking items all from one location: or selecting items that appear defective, will not be utilized. The use of a table of random numbers as contained in the Department of Defense Handbook, H53, is recommended and will insure random selection of samples.

b Inspection.

(1) Frequency.

(a) Controlled humidity warehouse--60 months.

(b) Controlled temperature warehouse--30 months.

(c) Noncontrolled temperature warehouse--24 months.

(d) Shed-12 months.

(e) Open- 6 months.

(2) Storage quality levels (SQLs). The storage quality level is 4.0, and will pertain to those characteristics cited in the defect code column of appendix HI

(3) Sampling plan. The sampling plan indicates the number of units from each lot which are to be Inspected and the criteria for determining the acceptability of the lot (defective acceptance and rejection numbers)

(a) Sample size. The sample size will be obtained from table 1, which is based on MIL-STD-105

(b) Acceptance and rejection numbers. Depending upon the sample size from table 1 and an SQL of 4.0, the acceptance number and rejection number are given in table 2.

(4) *Inspection method.* Perform visual and or technical inspection of the selected samples.

c. *Defect Classification.* Defects noted in surveillance inspections should be classified as critical, major or minor, even if they are not considered to be fully in these classes at the time of inspection but can reasonably be expected to be in these classes prior to the next scheduled inspection.

Defects of a trivial nature should not be considered as cause for rejection of the lot unless

Table 1 Master Sampling Table

Lot size	Sample size	
	Technical inspection	Visual inspection
Up to 50	3	5
51-250	5	13
251-500	5	13
501-1200	5	20
1201-3200	8	32
3201-10000	8	32
10001-35000	8	50
35001 and over	13	50

Table 2. Defective Acceptance and Rejection Numbers Table (Single Sampling Plan)

Sample size from table 1	Storage quality level (SQL)																	
	0		0.40		0.65		1.0		1.5		2.0		4.0		6.5		10	
	A	R	A	R	A	R	A	R	A	R	A	R	A	R	A	R	A	R
3	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	2
5	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	2	1	2
8	0	1	0	1	0	1	0	1	0	1	0	1	1	2	1	2	2	3
13	0	1	0	1	0	1	0	1	0	1	1	2	1	2	2	3	3	4
20	0	1	0	1	0	1	0	1	1	2	1	2	2	3	3	4	5	6
32	0	1	0	1	0	1	1	2	1	2	2	3	3	4	5	6	7	8
50	0	1	0	1	1	2	1	2	2	3	3	4	5	6	7	8	10	11
80	0	1	1	2	1	2	2	3	3	4	5	6	7	8	10	11	14	15

A = Acceptance number R = Rejection number

some reduction in the usability or function of the item can be expected prior to the next scheduled inspection. For example, nicks, dents or scratches that do not break the coating or paint film are considered trivial deficiencies.

d. *Defect Codes.* For the purpose of this bulletin specific item defects are expressed as coded data. A two position numeric code is assigned to each set component to relate the evidence or signs of deterioration. A further explanation of the defect codes is provided in appendix II.

12. **Other Instructions.** a. *Rejected Lots.* Material inspected and determined to be deficient will be reclassified to identify the degree of serviceability, condition, and completeness in terms of readiness for issue and use or to identify actions underway to change the status of the material (AR 725-50).

b. *Repackaging of Samples Inspected.* Restore packaging of samples inspected and accepted to the level of the lot from which samples were drawn.

13. **References.** A list of publications applicable to this bulletin is provided below.

- AR 708-1 Cataloging and supply management data
- AR 725-50 Requisitioning, receipt and issue system
- MIL-STD-105 Sampling procedures and tables for inspection by attributes
- MIL-STD-129 Marking for shipment and storage
- TM 743-200-1 Storage and materials handling

- SR 740-1 Handbook H53 Covered and open storage Quality and reliability assurance guide for sampling inspection
- SC 3820-97-CL-E01 Pneumatic tool and compressor outfit 250 CFM, truck mounted Federal stock number 3820-641-7779, line item number P12003
- SC 3820-97-CL-E03 Rock drilling equipment for placement of explosives Federal stock number 3820-275-2620, line item number S03088 Federal stock number for map use 3820-926-1019
- SC 3820-97-CL-E06 Pneumatic tool and compressor outfit 210 CFM, trailer mounted Federal stock number 3820-526-8986, line item number P11729
- SC 3820-97-CL-E09 Pneumatic tool and compressor outfit, 250 CFM, trailer mounted Federal stock number 3820-950-8584; line item number P11866
- SC 3820-97-CL-E10 Rock drilling equipment: for placement of explosives Federal stock number 3820-430-3094, line item number S03225; Federal stock number for map use 3820-985-2274

SC 3820-97-CL-E11 **Pneumatic tool outfit: 600
CFM compressed air
Federal stock number
3820-595-9536; line
item number Pi2140
Federal stock number
for map use 3820-914-
2571**

SC 3895-97-CL-E02 **Jetting set, portable: for
pile-driving operation
Federal stock number
3895-641-7982; line
item number L16026
Federal stock number
for map use 38950-926-
1035**

APPENDIX I
A P P L I C A B L E

National stock number	Nomenclature
3820-00-641-7797	Pneumatic Tool and Compressor Outfit 210 CFM, Truck Mounted
3820-00-275-2620	Rock Drilling Equipment For Placement of Explosives
3820-00-926-1019	Pneumatic Tool and Compressor Outfit 210 CFM, Trailer Mounted
3820-00-526-8986	Pneumatic Tool and Compressor Outfit : 250 CFM, Trailer Mounted
3820-00-950-8584	Rock Drilling Equipment For Placement of Explosives
3820-00-430-3094	Pneumatic Tool Outfit 600 CFM Compressed Air
3820-00-985-2274	Jetting Set Portable For Pile- driving Operation
3820-00-595-9536	
3820-00-914-2571	
3895-00-641-7982	
3895-00-926-1035	

APPENDIX II

DEFECT CODES

Code	Explanation	Code	Explanation
01	Cleaning improper or inadequate	34	Address marking omitted, illegible, or incorrect.
02	Preservation improper or inadequate.	35	Markings improperly located or wrong method of marking used.
03	Wrapping improper or inadequate	36	Packaging and packing (P/P) level markings omitted, illegible, or incorrect.
04	Protection afforded not compatible with mode of shipment, type of storage, destination, or other environment.	37	Reserved for future use.
05	Inadequate coverage or improper thickness	38	Reserved for future use.
06	Improper and inadequate preparation.	39	Reserved for future use.
07	Wrong type, method and color	41	Damaged or defective item or parts (bent, broken, scratched, chipped, marred, cracked, warped, torn, stripped, crimped, burned, twisted, burned out, perforated, pitted).
08	Drying Improper or inadequate.	42	Does not meet specified tolerances or requirements (dimensional, finish, strength, torque, output, volume, color, stretch, size, illumination, weight).
09	Appearance (paint runs, overspray, not uniform, not up to standard).	43	Parts or components missing.
11	Sealing defective (bags or containers)	44	Wrong part or component (found on end item or other assembly, or used to make up set or kit).
12	Failed pressure retention, leak or other test.	45	Parts, components, and/or controls (loose, improperly installed or assembled, out of adjustment, do not fit, or fail to function properly).
13	Container damaged or deteriorated.	46	Leak (other than test) air or gas (nitrogen, oxygen, hydrogen, etc.).
14	Protection not compatible with mode of shipment, destination or other environment	47	Modification work order incomplete, improperly applied, or missing
15	Wrong level applied (Packaging)	48	Soldering, welding, brazing, metal zing, or bonding defect.
16	Containers or other packaging materials do not meet specifications (size, type, class, style, etc.).	51	Rust, corrosion, or verdigris.
17	Wrong quantity per unit package.	52	Excessive moisture, fungus, mildew, rot, infestation, or weather crack
18	No packaging applied.	53	Materiel marking missing or incorrect (serial number, data plate, piece mark, cure date).
19	Reserved for future use.	54	Shelf-life date exceeded.
21	Stapling, nailing, strapping, and/or banding improper or inadequate.	55	Wrong item received or selected for shipment.
22	Excessive weight or cube for container.	56	Lubrication (improper, incomplete)
23	Containers, boxes, crates, or pallets damaged or deteriorated	57	Item improperly classified.
24	Intermediate or exterior container protection not compatible with mode of shipment, type of storage, destination, or other environment.	58	Improper identification
25	Wrong level applied (Packing and Loading)	59	Other.
26	Containers, boxes, crates, or pallets do not meet specification.	61	Failed test requirements (hydraulic).
27	Wrong quantity per intermediate or exterior container.	62	Failed test requirements (electrical or electronic).
28	Improper loading, blocking, bracing tiedown, etc		
29	Reserved for future use.		
31	Labels omitted, illegible or incorrect.		
32	Special marking omitted, illegible or incorrect.		
33	Description or identification marking omitted, illegible, or incorrect.		

Code	<i>Explanation</i>
63	Failed test requirements (environmental).
64	Failed test requirements (mechanical)
65	Failed test requirements (pressure).
66	Failed certification or laboratory test.
67	Excessive heat and/or noise during operational test.
68	Parts or components damaged (due to functional failure) during end item or component test.
69	Required test not accomplished.
71	Wrong count (overage).
72	Improper routing or process planning.
73	Mixed materiel (two or more stock numbers recorded under the same stock number)

Code	<i>Explanation</i>
74	Historical records (including the Army Equipment Record System (TAERS) missing, incorrect, or incomplete).
75	Contract, specifications, receiving reports, or other required documents incorrect, incomplete, not available, or changes not with contract.
76	Contract specifications or other required documents inadequate for inspection or acceptance purposes
77	Materiel not segregated (serviceable and unserviceable items intermingled).
78	Stock selection deficiency (FI/FO).
79	Wrong count (shortage).

APPENDIX III
ITEM DEFECTS

Individual item defects listings for each set covered by this bulletin are provided herein. (Appendix III-A through III-G).

- Appendix III-A Pneumatic Tool and Compressor Outfit: 210 CFM; Truck Mounted
- Appendix III-B Rock Drilling Equipment: For Placement of Explosives
- Appendix III-C Pneumatic Tool and Compressor Outfit: 210 CFM; Trailer Mounted

- Appendix III-D Pneumatic Tool and Compressor Outfit 250 CFM; Trailer Mounted
- Appendix III-E Rock Drilling Equipment : For Placement of Explosives
- Appendix III-F Pneumatic Tool Outfit: 600 CFM Compressed Air
- Appendix III-G Jetting Set Portable: For Pile-driving Operations

APPENDIX III-A

ITEM DEFECTS

PNEUMATIC TOOL AND COMPRESSOR
 OUTFIT: 210CFM; TRUCK MOUNTED
 (SC 3820-97-CL-E01)

<i>Description</i>	<i>Defect codes</i>	<i>Description</i>	<i>Defect codes</i>
PNEUMATIC TOOL AND COMPRESSOR OUTFIT: 210 CFM; TRUCK MOUNTED	23 33 43 44	Hammer, pneumatic portable	02 03 33 41 45 51
Consisting of the following components:		Hose and hose assem- blies	02 03 11 13 33 41 51 52
Bit, star, rockdrill	02 33 41 51	Inflator gage	02 11 13 33 41 51 52
Bit set, auger	02 03 33 41 43 51	Moil points	02 33 41 51
Borer, wood, pneumatic	02 03 33 41 45 51	Oiler, airline	02 33 41 51
Breaker, paving	Refer to SB 740-97-38	Pad, tamping tool	02 33 41 51
Chisel, paving breaker	02 33 41 51	Pick, paving breaker	02 33 41 51
Compressor, rotary	Refer to SB 740-97-4300	Pump, centrifugal	Refer to SB 740-97-4300
Drill, pneumatic, sinker	Refer to SB 740-97-38	Rod, tamping tool	02 33 41 51
Drill rod, rockdrill	02 33 41 51	Saw, chain	02 03 33 41 45 51
Goggles, industrial	11 13 33 41 52	Saw, circular	02 03 33 41 45 51 52
Gun, air blow	02 11 13 33 41 45 51	Spade, paving breaker	02 33 41 51

APPENDIX III-B
 ITEM DEFECTS
 FOR
 ROCK FRILLING EQUIPMENT:
 FOR PLACEMENT OF EXPLOSIVES
 (SC 3820-97-CL-E03)

<i>Description</i>	<i>Defect codes</i>	<i>Description</i>	<i>Defect codes</i>
ROCK DRILLING EQUIP- MENT: FOR PLACE- MENT OF EXPLOSIVES	23 33 43 44	Drill rod, rock drill	02 33 41 51
Consisting of the following components :		Elbow, pipe	02 33 41 51
Bit, star, rock drill	02 33 41 51	Goggles, industrial	11 13 33 41 52
Blasting machine	02 03 11 13 33 41 45 51 52 53	Grinding machine, utility	02 11 13 33 41 45 51 52
Box, cap	11 13 33 41 52	Hose assembly, rubber	02 03 11 13 33 21 51 52
Compressor, rotary	Refer to SB 740-97-4300	Manifold, airline	02 33 41 45 51
Drill, pneumatic, drifter	Refer to SB 740-97-38	Nipple, pipe	02 33 41 51
Drill, pneumatic sinker	Refer to SB 740-97-38	Oiler, airline	02 33 41 51
		Pipe, steel	02 33 41 51
		Tee, pipe	02 33 41 51
		Union, pipe	02 33 41 51
		Valve, gate	02 11 13 33 41 45 51
		Wheel, abrasive	11 13 33 41

APPENDIX III-C

ITEM DEFECTS

PNEUMATIC TOOL AND COMPRESSOR OUTFIT: 210 CFM; TRAILER MOUNTED (SC 3820-97-CL-E06)

<i>Description</i>	<i>Defect codes</i>	<i>Description</i>	<i>Defect codes</i>
PNEUMATIC TOOL AND COMPRESSOR OUTFIT; 210 CFM; TRAILER MOUNTED	23 33 43 44	Hammer, pneumatic, portable	02 03 33 41 45 51
Consisting of the following components :		Hose and hose assem- blies	02 03 11 13 33 41 51 52
Bit, star, rock drill	02 33 41 51	Inflator gage	02 11 13 33 41 51 52
Bit set, auger	02 03 33 41 43 51	Moil points	02 33 41 51
Borer, wood, pneumatic	02 03 33 41 45 51	Oiler, airline	02 33 41 51
Breaker, paving	Refer to SB 740-97-38	Pad, tamping tool	02 33 41 51
Chisel, paving breaker	02 33 41 51	Pick, paving breaker	02 33 41 51
Compressor, rotary	Refer to SB 740-97-4300	Pump, centrifugal	Refer to SB 740-97-4300
Drill, pneumatic, sinker	Refer to SB 740-97-38	Rod, tamping tool	02 33 41 51
Drill rod, rock drill	02 33 41 51	Saw, chain	02 03 33 41 45 51
Goggles, industrial	11 13 33 41 52	Saw, circular	02 03 33 41 45 51 52
Gun, air blow	02 11 13 33 41 45 51	Spade, paving breaker	02 33 41 51

APPENDIX III-D
ITEM DEFECTS
FOR
PNEUMATIC TOOL AND COMPRESSOR
OUTFIT: 250 CFM; TRAILER MOUNTED
(SC 3820-97-CL-E09)

<i>Description</i>	<i>Defect codes</i>	<i>Description</i>	<i>Defect codes</i>
PNEUMATIC TOOL AND COMPRESSOR OUTFIT: 250 CFM, TRAILER M O U N T E D	23 33 43 44	Hammer, pneumatic, portable	02 03 33 41 45 51
Consisting of the following components:		Hose and hose assem- blies	02 03 11 13 33 41 51 52
Bit, star, rock drill	02 33 41 51	Inflator gage	02 11 13 33 41 51 52
B i t s e t , a u g e r	02 03 33 41 43 51	Moil points	02 33 41 51
Borer, wood, pneumatic	02 03 33 41 45 51	Oiler, airline	02 33 41 51
B r e a k e r , p a v i n g	Refer to SB 740-97-38	Pad, tamping tool	02 33 41 51
Chisel, paving breaker	02 33 41 51	Pick, paving breaker	02 33 41 51
Compressor, rotary	Refer to SB 740-97-4300	Pump, centrifugal	Refer to SB 740-97-4300
Drill, pneumatic, sinker	Refer to SB 740-97-38	Rod, tamping tool	02 33 41 51
Drill rod, rock drill	02 33 41 51	Saw, chain	02 03 33 41 45 51
Goggles, industrial	11 13 33 41 52	Saw, circular	02 03 33 41 45 51 52
G u n , a i r b l o w	02 11 13 33 41 45 51	Spade, paving breaker	02 33 41 51

APPENDIX III-E
ITEM DEFECTS
FOR
ROCK DRILLING EQUIPMENT:
FOR PLACEMENT OF EXPLOSIVES
(SC 3820-97-CL-E10)

<i>Description</i>	<i>Defect codes</i>	<i>Description</i>	<i>Defect codes</i>
ROCK DRILLING EQUIPMENT: FOR PLACEMENT OF EXPLOSIVES	23 33 43 44	Extractor, drill rod	02 33 41 51
Consisting of the following components		Galvanometer	03 11 13 32 33 41 43 51 52
Aural protector, sound	03 11 13 33 41 51	Gloves, leather	11 13 33 52
Bit, button, rock drill	02 33 41 51	Goggles, industrial	11 13 33 41 51
Bit, star, rock drill	02 33 41 51	Horn, electrical	03 11 13 33 41 51
Blasting machine	03 11 13 32 33 41 43 51 52	Hose assembly, rubber	02 03 11 13 33 41 51 52
Box, cap	11 13 33 41 52	Insulation tape, electrical	11 13 33 52
Bushing, pipe	02 33 41 51	Knife, pocket	02 03 11 13 33 41 51
Cable, power	11 13 33 41 51 52	Lubricating oil	33 41 51
Case, ear plug	11 13 33 41 51	Mask, air filtering	11 13 33 41 52
Compressor, rotary	Refer to SB 740-97-4300	Mender, hose	02 33 41 51
Coupling, rock drill	02 33 41 51	Nipple, pipe	02 33 41 51
Crimper, blasting cap	02 03 11 13 33 41 51	Oiler, airline	02 33 41 51
Drill, pneumatic, drifter	Refer to SB 740-97-38	Packing, preformed	11 13 33 41 52
Drill, pneumatic, sinker	Refer to SB 740-97-38	Pliers, linemans	02 03 11 13 33 41 51
Drill rod section	02 33 41 51	Plug, ear	11 13 33 41 52
Drill rod, rock drill	02 33 41 51	Reel, wire	13 33 41 51
		Shank, rock drill rod	02 33 41 51
		Union, pipe to hose	02 33 41 51
		Valve, globe	11 13 33 41 45 51
		Wire, electrical	13 33 41 52
		Wrench, open end	02 33 41 51
		Wrench, pipe	02 33 41 51

APPENDIX III-F
ITEM DEFECTS
FOR
PNEUMATIC TOOL OUTFIT;
600 CFM COMPRESSED AIR
(SC 3820-97-CL-E11)

<i>Description</i>	<i>Defect codes</i>	<i>Description</i>	<i>Defect codes</i>
PNEUMATIC TOOL OUTFIT, 600 CFM COMPRESSED AIR	23 33 43 44	Hammer, pneumatic, portable	02 03 33 41 45 51
Consisting of the following components:		Hose and hose assemblies	02 03 11 13 33 41 51 52
Ax, paving breaker	02 33 41 51	Inflator gage	02 11 13 33 41 51 52
Bit, star, rock drill	02 33 41 51	Lubricating oil	13 33 51
Bit set, auger	02 03 33 41 43 51	Mask, air filtering	11 13 33 41 52
Borer wood, pneumatic	02 03 33 41 45 51	Mender, hose	02 33 41 51
Breaker, paving	Refer to SB 740-97-38	Moil point	02 33 41 51
Chest, pneumatic tool	33 41 43 51 52	Oiler, airline	02 33 41 51
Chisel, paving breaker	02 33 41 51	Pad, tamping tool	02 33 41 51
Compressor, rotary	Refer to SB 740-97-4300	Pump, centrifugal	Refer to SB 740-97-4300
Drill, pneumatic, sinker	Refer to SB 740-97-38	Rod, tamping tool	02 33 41 51
Drill rod, rock drill	02 33 41 51	Saw, chain	02 03 33 41 45 51
Gloves, leather	11 13 33 52	Saw, circular	02 03 33 41 45 51 52
Goggles, industrial	11 13 33 41 52	Spade, paving breaker	02 33 41 51
Gun, air blow	02 03 11 13 33 41 45 51	Tamper, piston-hammer type	02 03 41 45 51

APPENDIX III-G
ITEM DEFECTS
FOR
JETTING SET PORTABLE: FOR
PILEDIVING OPERATION
(SC 3895-97-CL-E02)

<i>Description</i>	<i>Defect codes</i>	<i>Description</i>	<i>Defect codes</i>
JETTING SET PORTABLE FOR PILEDIVING OPERATIONS	23 33 43 44	Hose, cotton, rubber lined	13 33 41 51 52
Consisting of the following components :		Hose assembly, rubber	02 03 33 41 51 52
Bent pipe, steel	03 33 41 51	Nipple, pipe	03 33 41 51
Bushing, pipe	03 33 41 51	Nozzle, jetting	03 33 41 51
Coupling, pipe	03 33 41 51	Pipe, steel	03 33 41 51
Gasket, synthetic rubber	11 13 33 41 52	Pump, centrifugal	Refer to SB 740-97-4300
		Reducer, pipe	03 33 41 51
		Union, pipe	03 33 41 51

By Order of the Secretary of the Army:

CREIGHTON W. ABRAMS
General, United States Army
Chief of Staff

Official:

VERNE L. BOWERS
Major General, United States Army
The Adjutant General

Distribution:

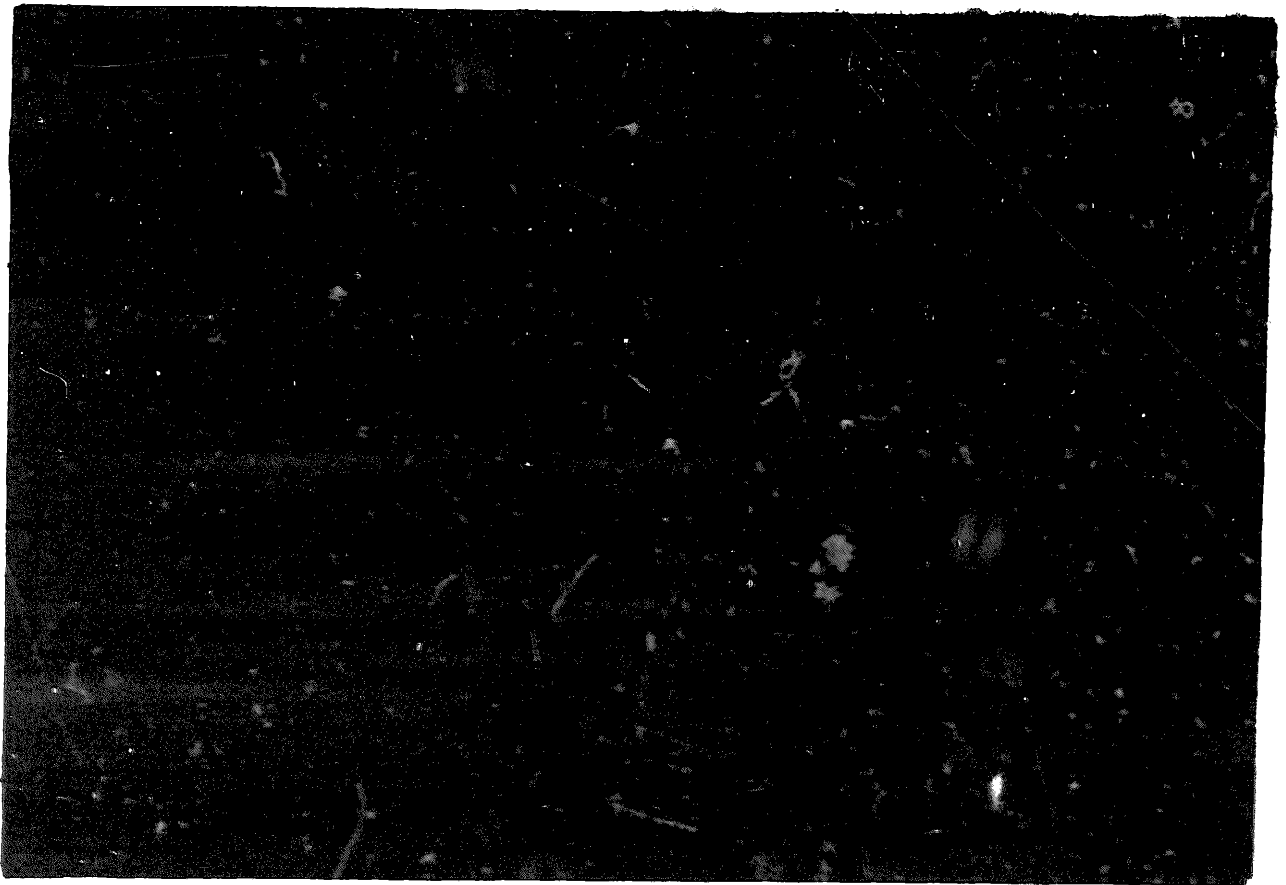
To be distributed in accordance with DA Form 12-21 (qty rqr block No. 82) requirements for FSC Group 3805/3810.

END

7-18-83

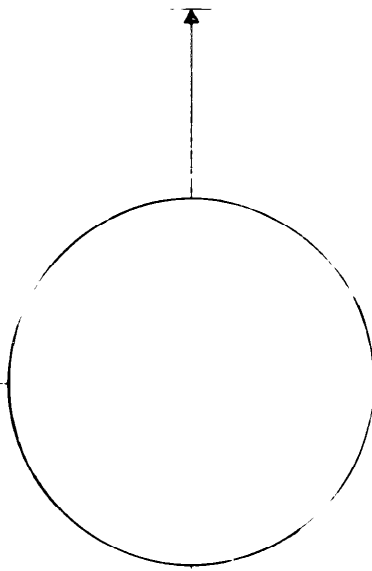
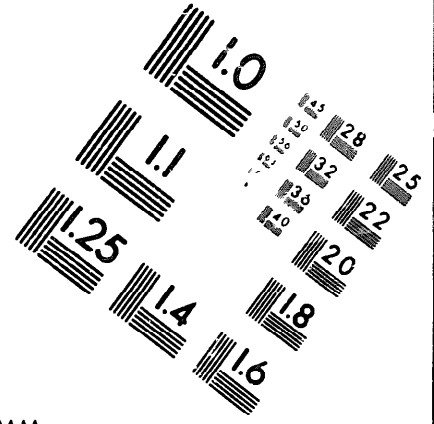
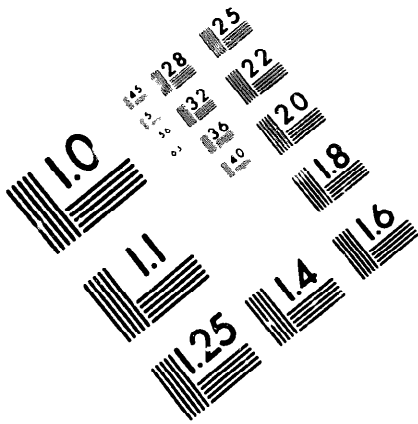
DATE





DEPARTMENT OF THE ARMY

MICROFORM
TEST TARGET



ABL DEF GHIJ KLMNOPQRSTU VWXYZ 1234567890
abcd efghijklmnopq rstuvwxyz % # 1/2 1/4 3/4 — = + x & @ *

ABL DEF GHIJ KLMNOPQRSTU VWXYZ 1234567890
abcd efghijklmnopq rstuvwxyz % # 1/2 1/4 3/4 — = + x & @ *

1.5 mm (e = 1.09 mm)

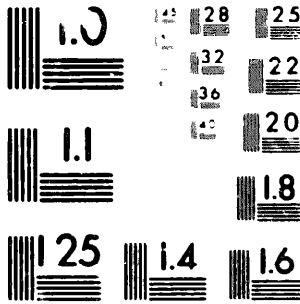
ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqr stuvwxyz % # 1/2 1/4 3/4 — = + x & @ *

2.0 mm (e = 1.37 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqr stuvwxyz
1234567890 \$ c £ / % # 1/2 1/4 3/4 — = + x & @ *

2.5 mm (e = 1.77 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqr stuvwxyz
1234567890 \$ c £ / % # 1/2 1/4 3/4 — = + x & @ *



1.5 mm (e = 1.09 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqr stuvwxyz % # 1/2 1/4 3/4 — = + x & @ *

2.0 mm (e = 1.37 mm)

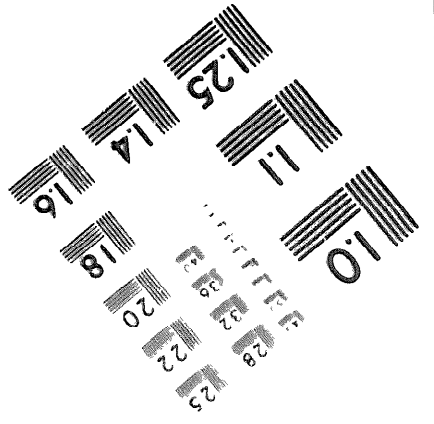
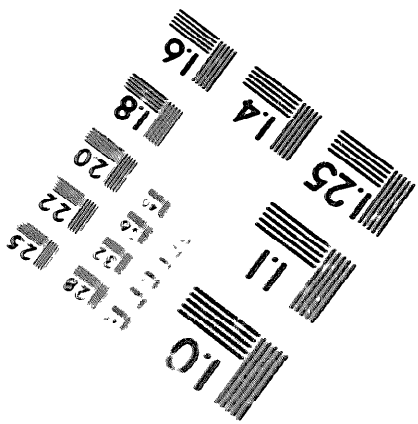
ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqr stuvwxyz
1234567890 \$ c £ / % # 1/2 1/4 3/4 — = + x & @ *

2.5 mm (e = 1.77 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqr stuvwxyz
1234567890 \$ c £ / % # 1/2 1/4 3/4 — = + x & @ *



200 MM



250 MM