MIL-C-60395C (AR)
16 JUNE 1983
SUPERSEDING
MIL-C-60395B (AR)
9 July 1980

MILITARY SPECIFICATION

CHARGE, PROPELLING, 155MM, M4A2, LOADING, ASSEMBLING AND PACKING

This specification is approved for use by US Army Armament Research and Development Command, and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1. This specification covers the loading, assembling and packing for one type of propelling charge for designated as charge propelling, M4A2, for 155mm cannon, M1, M45, M126, M185 and M199.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications and standards. Unless otherwise specified, the following specifications and standards of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation, form a part of this specification to the extent specified herein.

SPECIFICATIONS

MILITARY

MIL-A-48078 - Ammunition, Standard Quality Assurance Provisions, General Specification for

FSC: 1320

STANDARDS

MILITARY

MIL-STD-105 - Sampling Procedures and Tables for Inspection By Attributes
MIL-STD-414 - Sampling Procedures and Tables for Inspection By Variables For Percent Defective
MIL-STD-1235 - Single and Multilevel Continuous Sampling Procedures And Tables For Inspection By Attributes

2.1.2 Other government documents, drawings and publications. The following other Government documents form a part of this specification to the extent specified herein.

DRAWINGS

U. S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMAND (ARRADCOM)

9207624 - Charge, Propelling, 155mm, M4A2 for Howitzer M1, M45, M126
9331258 - Packing and Marking for Container, Ammo Metal PA95: for Charge, Propelling, 155mm, M4A2

(copies of specifications, standards, handbooks, drawings and publications required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer).

2.1.3 Order of precedence. In the event of a conflict between the text of this specification and the references cited herein, the text of this specification shall take precedence.

3. REQUIREMENTS

3.1 Material. Material shall be in accordance with applicable drawings and specifications.

3.2 Propelling charge. The propelling charge shall comply with all requirements specified on Drawing (dwg.) 9207624 and with all requirements specified in applicable specifications.

3.3 Chamber gage. The completed propelling charge shall freely enter the prescribed chamber gage.

3.4 Weights

3.4.1 Propellant weight. The net weight of the propellant shall comply with the weight specified in the loading authorization within the following tolerances:

Increment Number	Tolerance Plus or Minus Ounces
3 or base charge	0.10
4	0.05
5	0.05
6	0.05
7	0.10

3.4.2 Charge propelling assembly weight. The propelling charge assembly weight shall not differ by more than ±.50 ounce from the total of the amount specified in the loading authorization plus the actual or average weight of empty increments, and loaded base igniter and flash reducer (see 6.7).

3.5 Proving ground. The muzzle velocity, pressure and velocity standard deviation shall be as specified in Table I.

Table I. Velocity and pressure

Zone	Temp	Velocity (fps) Minimum	Maximum	Velocity Std Dev (fps)	Individual Max Pressure (psi)
7	70°F	1825	1875	6.0	40,500
7	145°F	Info	Info	-	44,100

3.6 First article inspection. This specification contains technical provisions for the first article inspection. Requirements for the submission of first article samples by the contractor shall be as specified in the contract.

3.7 Test plug assembly torque. The test plug shall be assembled to withstand subsequent application of the minimum assembly torque specified in the applicable drawing without moving.

3.8 Workmanship. All components shall be free of dirt, grease and other foreign material. There shall be no discoloration or deterioration of cloth and no evidence of rips, tears, or other cloth defects. All work shall be performed in a thorough workmanlike manner.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection and standard quality assurance provisions. Unless otherwise specified herein or in the contract, the provisions of MIL-A-48078 shall apply and are hereby made a part of this detail specification. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to the prescribed requirements.

4.2 Classification of inspections. The following types of inspection shall be conducted on this item:

a. First Article Inspection

b. Quality Conformance Inspection

4.3 First article inspection.

4.3.1 Submission. The contractor shall submit a first article sample from the initial production lot as designated by the Contracting Officer for evaluation in accordance with the provisions of 4.3.2. This sample shall consist of the following:

Part Description	Drawing	Quantity
Flash reducer	9207635	5
Flash reducer increment	9207633	5
Igniter, end	9207632/9295120	5
Igniter increment	9207630/9295118	5
Base charge body	9207628	5
Base charge loading assembly	9207625/9295116	5
Body increment	9207637	5
Increment charge assembly	9207636	5
Base charge body & igniter increment	9207626/9295117	5
Base charge body assembly	9207627	5
Igniter assembly	9207631/9295119	5
Reducer flash assembly	9207634	5
Strap, tying	9207629	5
Charge, propelling, 155MM, M4A2 (in sealed containers)	9207624	10

4.3.2 Inspection to be performed. The First Article parts submitted in accordance with paragraph 4.3.1 will be subjected by the Government to any or all the requirements of the applicable drawings and specifications and to the inspections of Table II.

4.3.3 Rejection. See MIL-A-48078.

TABLE II. First article inspection

CLASSIFICATION OF DEFECTS & TESTS

PARAGRAPH	TITLE		SHEET 1 OF 2		DRAWING NUMBER
	Propelling Charge Components and Assemblies				NEXT HIGHER ASSEMBLY
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
	Charge Propelling, 155MM, M4A2 (Dwg 9207624) and (Dwg 9331258) Examination for Defects	10		3.2	4.4.2.9/4.4.2.10/ 4.4.2.11
	Flash Reducer (Dwg 9207635) Examination for Defects	5		3.2	4.4.2.1
	Flash Reducer Increment (Dwg 9207633) Examination for Defects	5		3.2	4.4.2.2
	Igniter, End (Dwg 9207632/9295120) Examination for Defects	5		3.2	4.4.2.3
	Igniter Increment (Dwg 9207630/9295118) Examination for Defects	5		3.2	4.4.2.4
	Base Charge Body (Dwg 9207628) Examination for Defects	5		3.2	4.4.2.5

NOTES:

TABLE II. First article inspection

CLASSIFICATION OF DEFECTS & TESTS

PARAGRAPH	TITLE		SHEET 2 OF 2		DRAWING NUMBER
	Propelling Charge Components and Assemblies				NEXT HIGHER ASSEMBLY
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
	Base Charge Loading Assembly (Dwg 9207625/9295116) Examination for Defects	5		3.2	4.4.2.6
	Body Increments (Dwg 9207637) Examination for Defects	5		3.2	4.4.2.7
	Increment Charge Assembly (Dwg 9207636) Examination for Defects	5		3.2	4.4.2.8

NOTES:

4.4 Quality conformance inspection.

4.4.1 Inspection lot formation. Inspection lots shall comply with the lot formation provisions of MIL-A-48078. In addition, inspection lots of propelling charge assemblies shall contain:

a. Propellant from not more than one lot number from one manufacturer.
b. CBI or BPI from not more than two lot numbers with the same interfix number from one manufacturer.

4.4.2 Examination. See MIL-A-48078.

a. Sampling plans. Unless otherwise specified in the Classification of Defects and Test Tables, sampling plans for major and minor defects shall be in accordance with MIL-STD-105, Inspection Level II.

QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH NUMBER	TITLE		SHEET 1 OF 1		DRAWING NUMBER
4.4.2.1	Flash reducer				9207635
					NEXT HIGHER ASSEMBLY
					9207634
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical	None defined				
Major	None defined				
Minor					
201	Cloth improper		0.65%	3.2	4.5.4
202	Marking missing, misleading or unidentifiable		0.65%	3.2	Visual
203	Evidence of poor workmanship		0.65%	3.8	Visual

NOTES:

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QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.2	Flash reducer increment		9207633
			NEXT HIGHER ASSEMBLY 9207626

CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical	None defined				
Major					
101	Assembly damaged to the extent that salt can escape without force		0.40%	3.2	Visual
102	Salt weight		0.40%	3.2	Balance
Minor					
201	Any seam or opening incompletely stitched		0.65%	3.2	Visual
202	Thread broken		0.65%	3.2	Visual
203	Evidence of poor workmanship		0.65%	3.8	Visual

NOTES:

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QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE	SHEET 1 OF 1	DRAWING NUMBER
4.4.2.3	Igniter, end		9207632/9295120
			NEXT HIGHER ASSEMBLY 9207631/9295119

CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical	None defined				
Major	None defined				
Minor					
201	Cloth improper, including color		0.65%	3.2	4.5.4
202	Marking missing, misleading or unidentifiable		0.65%	3.2	Visual
203	Evidence of poor workmanship		0.65%	3.8	Visual

NOTES:

QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE		SHEET 1 OF 1		DRAWING NUMBER
4.4.2.4	Igniter, Increment				9207630/9295118
					NEXT HIGHER ASSEMBLY 9207626/9295117
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical 1	Assembly damaged to the extent that CBI or BPI can escape without force		100%	3.2	Visual
Major 101	CBI or BPI igniter weight		(a)	3.2	4.5.2
Minor 201	Any seam or opening incompletely stitched		0.65%	3.2	Visual
202	Thread broken		0.65%	3.2	Visual
203	Evidence of poor workmanhsip		0.65%	3.8	Visual

NOTES:

(a) The frequency of inspection shall depend upon the method used.

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QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE		SHEET 1 OF 1		DRAWING NUMBER
4.4.2.5	Body, base charge				9207628
					NEXT HIGHER ASSEMBLY
					9207627
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical	None defined				
Major					
101	Tying strap missing, insecure or improperly assembled		0.40%	3.2	Visual/Manual
Minor					
201	Cloth improper		0.65%	3.2	4.5.4
202	Marking missing, misleading or unidentifiable		0.65%	3.2	Visual
203	Evidence of poor workmanship		0.65%	3.8	Visual

NOTES:

QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE		SHEET 1 OF 1		DRAWING NUMBER
4.4.2.6	Base charge loading assembly				9207625/9295116
					NEXT HIGHER ASSEMBLY
					9207624
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical					
1	Igniter charge assembly missing		100%	3.2	Visual
2	Assembly damaged to the extent that CBI or BPI can escape without force		100%	3.2	Visual
Major					
101	Flash reducer increment missing		0.40%	3.2	Visual
102	Assembly damaged to the extent that propellant can escape without force		0.40%	3.2	Visual
103	Propellant weight		(a)	3.4	4.5.1
Minor					
201	Any seam or opening incompletely stitched		0.65%	3.2	Visual
202	Thread broken		0.65%	3.2	Visual
203	Evidence of poor workmanship		0.65%	3.8	Visual

NOTES: (a) The frequency of inspection of propellant shall depend upon the method used.

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QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE		SHEET 1 OF 1		DRAWING NUMBER 9207637
4.4.2.7	Body increment				NEXT HIGHER ASSEMBLY 9207636
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical	None defined				
Major	None defined				
Minor					
201	Cloth improper		0.65%	3.2	4.5.4
202	Marking missing, misleading or inidentifiable		0.65%	3.2	Visual
203	Evidence of poor workmanship		0.65%	3.8	Visual

NOTES:

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QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE		SHEET 1 OF 1		DRAWING NUMBER 9207636
4.4.2.8	Increment charge assembly				NEXT HIGHER ASSEMBLY 9207624
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical	None defined				
Major					
101	Assembly damaged to the extent that propellant can escape		0.40%	3.2	Visual
102	Propellant Weight		(a)	3.4	4.5.1
Minor					
201	Any seam or opening incompletely stitched		0.65%	3.2	Visual
202	Thread broken		0.65%	3.2	Visual
203	Evidence of poor workmanship		0.65%	3.8	Visual

NOTES:

(a) The frequency of inspection of propellant shall depend upon the method used.

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QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE		SHEET 1 OF 1		DRAWING NUMBER 9207624
4.4.2.9	Charge, propelling, M4A2				NEXT HIGHER ASSEMBLY
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical					
1	Assembly damaged to the extent that BPI or CBI can escape without force		100%	3.2	Visual
Major					
101	Total length		0.40%	3.2	Gage
102	Chamber gage		0.40%	3.3	Gage
103	Increment in improper order		0.40%	3.2	Visual
104	Propelling charge assembly weight		100%	3.4.2	4.5.6
105	Asembly damaged to extent that propellant can escape without force		100%	3.2	Visual
106	Proving ground	14		3.5	4.5.5
Minor					
201	Igniter protector cap missing or improperly attached		0.65%	3.2	Visual
202	Straps loose, broken or insecurely tied		0.65%	3.2	Visual/Manual
203	Evidence of poor workmanship		0.65%	3.8	Visual

NOTES:

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QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE		SHEET 1 OF 1		DRAWING NUMBER
4.4.2.10	Container, prior to sealing				9331258
					NEXT HIGHER ASSEMBLY
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical	None defined				
Major	None defined				
Minor					
201	Any packing component missing		0.65%	3.2	Visual
202	Charge cannot be removed by hand		0.65%	3.2	Manual

NOTES:

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QUALITY CONFORMANCE INSPECTION

CLASSIFICATION OF DEFECTS & TESTS

MIL-C-60395C (AR)

PARAGRAPH	TITLE		SHEET 1 OF 1		DRAWING NUMBER 9331258
4.4.2.11	Container, sealed				NEXT HIGHER ASSEMBLY
CATEGORY	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE /INSPECTION METHOD
Critical	None defined				
Major					
101	Test plug missing		100%	3.2	Visual
102	Torque test failure of plug		0.40%	3.7	Test
103	Air pressure test		100%	3.2	4.5.3
Minor					
201	Test plug not greased		0.65%	3.2	Visual
202	Marking missing, misleading or unidentifiable		0.65%	3.2	Visual
203	Car seal missing or incorrectly applied		0.65%	3.2	Visual
204	Cover incompletely engaged		0.65%	3.2	Manual

NOTES:

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4.4.3 Inspection equipment. The inspection equipment required to perform the examinations and tests prescribed herein is described in the "Paragraph Reference/Inspection Method" column in the tables starting with paragraph 4.4.2.1. The contractor shall submit for approval inspection equipment designs in accordance with the terms of the contract. See Section 6 of MIL-A-48078 and paragraph 6.3 of this specification.

4.5 Test methods and procedures

4.5.1 Propellant weight (see 3.4). Any increment which fails to comply with the applicable requirement shall be classed defective and removed from the lot. Inspection equipment shall be in accordance with 4.4.3.

4.5.1.1 Method 1. The loaded increments will be inspected 100 percent. The weight of the propellant will be determined by subtracting an average weight of the empty increment bag or the actual weight as marked on the individual increment bag from the loaded increment weight.

4.5.1.2 Method 2. The propellant in a container shall be weighed and then checkweighed 100 percent on a different balance and if performed manually, by another production operator (no adding or subtracting of propellant shall be done during the checkweighing operation). The propellant shall then be placed in the bag and the bag sewn. The weight of the loaded bag shall be checked as a major defect using a sampling plan from MIL-STD-105 or MIL-STD-1235 with an AQL of 0.40 percent. The weight of the propellant will be determined by subtracting an average weight of the empty increment bag or the actual weight as marked on the individual increment bag from the loaded increment weight.

4.5.2 Weight of CBI or BPI in base igniter assembly. Any assembly which fails to comply with the applicable requirement shall be classed defective and removed from the lot. Inspection equipment shall be in accordance with 4.4.3.

4.5.2.1 Method 1. The loaded assemblies will be inspected 100 percent. The weight of the CBI or BPI will be determined by subtracting an average weight of the empty assembly or the actual weight as marked on the individual assembly from the loaded assembly weight.

4.5.2.2 Method 2. The weight of the CBI or BPI will be checkweighed 100 percent prior to loading the assembly on a different balance and if performed manually, by another operator (no CBI or BPI may be added or removed during this operation). In addition, the CBI or BPI weight of the loaded assembly will be inspected using a sampling plan from MIL-STD-105 or MIL-STD-1235 with an AQL of 0.40 percent. The weight of the CBI or BPI will be determined by subtracting an average weight of the empty assembly or the actual weight as marked on the individual assembly from the loaded assembly weights.

4.5.3 Air pressure test. Each container shall be tested as specified on the appropriate drawing. A pressure drop equivalent to or greater than the applicable requirement shall be cause for rejection and removal from the lot.

4.5.4 Cloth. At the time cloth is introduced to the sewing and/or cutting operation, an identification will be made for each roll to verify that proper material is used. Any cloth failing to be identified as proper material in accordance with applicable drawings and specifications shall be removed from the lot.

4.5.5 Proving ground (see 3.5). This test shall be conducted at a Government Proving Ground in accordance with the applicable acceptance test procedure using M107 projectiles inert loaded within 0.1 pound of an as fired weight of 95.0 pounds using Primer MK2A4 and fired in cannon M1. Prior to firing, all charges (in sealed containers) shall be temperature conditioned in a large conditioning box with adequate air circulation at the required temperature for a minimum of 24 hours and assurance will be made that, when fired, the charges are at the conditioning temperature. The following tolerances shall apply to all temperature conditionings: 70°F, ± 2.5°F; 145°F, -5°F. Copper crusher gages (2) shall be used to measure the maximum chamber pressure of each charge. Velocity coils shall be used to measure the muzzle velocity for each charge.

4.5.5.1 Muzzle velocity and muzzle velocity standard deviation. Determination of acceptance will be in accordance with MIL-STD-414, Section B, Table B3, AQL of 0.65%. Seven zone 7 charges each shall be conditioned to 70°F and 145°F. The seven 70°F charges shall be fired alternately with calibration charges and the muzzle velocity and pressure of all test charges will be corrected to standard conditions. In adition, if the velocity standard deviation of the 70°F sample multiplied by the factor 0.68 exceeds the applicable lot requirement, the lot shall be rejected.

4.5.5.2 Pressure. If any propelling charge individual maximum pressure exceeds the applicable requirement, the lot shall be rejected.

4.5.6 Charge, propelling assembly weight. The average weights of the empty increment assembly and nominal weights of CBI or BPI and Potassium Nitrate/Sulfate together with the nominal weights as specified in the loading authorization shall be subtracted from the assembled propelling charge assembly weight. If the resulting weight deviation is greater than the requirement, the propelling charge will be classified defective and removed from the lot.

5. PACKAGING

5.1 Preservation and packaging. N/A

5.2 Packing

5.2.1 Level A. The propelling charges shall be packed, scaled and tested in accordance with the specified requirements of drawing 9331258.

5.2.2 Level B. Pack the same as Level A.

5.2.3 Level C. Pack the same as Level A.

5.3 Marking. Marking shall be in accordance with the specified requirements of drawing 9331258.

6. NOTES

6.1 Intended use. The propelling charges covered by this specification are intended for use in 155mm Cannon M1, M45, M126, M185 and M199.

6.2 Ordering data. See MIL-A-48078.

6.3 Submission of designs for approval. See 6.2.3 of MIL-A-48078. Submit equipment designs, as required, to Commander, US Army Armament Research and Development Command, ATTN: DRDAR-QAR-I, Dover, New Jersey 07801.

6.4 Visual examination qualification. When compliance with the applicable requirement is in doubt as a result of visual examination, the characteristic may be measured or gaged to determine acceptability.

6.5 Inspection lot size. It is noted that the size of inspection lots of components, assemblies, or items of delivery may differ from the actual quantities contractually scheduled for delivery. However, in order to facilitate scheduling of tests or deliveries, inspection lots of items of delivery may be equivalent to such contract quantities provided all of the lot formation criteria and sampling provisions of this specification are maintained.

6.6 Proving ground. A copy of all proving ground data should be submitted to Commander, US Army Research and Development Command, ATTN: DRDAR-QAR-R and DRDAR-LCA-G, Dover, New Jersey 07801 and to Master Repository, US Army Armament Materiel Readiness Command, ATTN: DRSAR-QAD, Rock Island, IL 61299.

6.7 Charge, propelling assembly weight. This requirement applies to the load plant at the time of loading only. Due to subsequent change in tare weight of the components because of variation in material and moisture content, this test cannot be repeated after initial manufacture to the degree of accuracy required.

6.8 Test plug assembly torque. This requirement applies to the load plant at the time of loading only. Due to creep of the mechanical properties of the test plug, this test cannot be repeated after initial manufacture.

6.9 Data cards. A copy of all data cards should be submitted to Commander, ARRADCOM, ATTN: DRDAR-QAR-R and DRDAR-LCA-G, Dover, New Jersey 07801 and to Master Repository, US Army Armament Materiel Readiness Command, ATTN: DRSAR-QAD, Rock Island, IL 61299.

6.10 Change from previous issue. Asterisks are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

Custodian:
Army-AR

Preparing Activity:
Army-AR

(Project 1320-A742)