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DEPARTMENT OF DEFENSE HANDBOOK

AMMUNITION MANUFACTURERS AND THEIR SYMBOLS

AMSC/NA FSC 13GP

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FORWARD

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2. Comments, suggestions, or questions on this document should be addressed to Commander Armaments Center, ATTN: FCDD-ACE-QSA, Picatinny Arsenal, NJ 07806-5000 or emailed to usarmy.picatinny.ardec.list.ardec-stdzn-branch@mail.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at https://assist.dla.mil .

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1. SCOPE

1.1 Scope. This handbook establishes and describes the manufacturer's identification symbol used in the lot numbers for all DOD contracted manufacture, renovation, or regrouping of ammunition and ammunition components. Manufacturer's identification symbols (MIS) should not be used for commercial purposes. Manufacturer's identification symbols are used only for government application. The usage of manufacturer's identification symbols is defined and described in MIL- STD-1168, Ammunition Lot Numbering and Ammunition Data Card.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications and standards. Specifications, standards and handbooks. The following specifications, standards and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract (see 6.2).

DEPARTMENT OF DEFENSE STANDARDS

MIL-STD-1168 – AMMUNITION LOT NUMBERING

AND AMMUNITION DATA CARDS

(Copies of these documents are available online at https://quicksearch.dla.mil.)

2.2 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. DEFENITIONS

3.1 Ammunition. An end item, complete round, or materiel component charged with explosives, energetics, propellants, pyrotechnics, or initiating composition for use in connection with defense or offense (including guided missiles and demolitions) as well as ammunition used for training, ceremonial, or non-operational purposes. This includes inert devices that replicate live ammunition, commonly referred to as dummy ammunition, which contain no energetic materials.

3.2 Ammunition Lot. A quantity of ammunition (complete rounds, components, propellants, etc.) which is manufactured or assembled by one producer under uniform conditions and which is expected to function in a uniform manner. An ammunition lot is designated and identified by assignment of an ammunition lot number. All material comprising an ammunition lot must be homogeneous.

3.3 Ammunition Lot Number. A code number systematically assigned to each ammunition lot at the time of manufacture, assembly, or modification that uniquely identifies the particular ammunition lot

3.4 GOCO Plant. Government owned, contractor operated plant.

3.5 GOGO Plant. Government owned, government operated plant.

3.6 Lotting Concepts. This incorporates the basic philosophy that the units of product comprising a lot ammunition have been produced or assembled at the same plant under homogeneous conditions and subsequently numbered systematically to assure accurate identification and control of the lot and its major components during their entire life cycle. Moreover, it accepts the theory that all portions of the lot are reasonably identifiable or capable of being identified with the parent lot as long as the original lot number is retained in its basic form.

3.7 Manufacturer’s Identification Symbol. A combination of one, two or three alpha characters assigned to indicate the unique identity of the arsenal, plant, depot, station, contractor, vendor, etc., which manufactured, assembled, renovated, regrouped, modified or loaded a specific item of ammunition or ammunition component. The manufacturer's identification symbol is an integral part of the ammunition lot number as defined in MIL-STD-1168. It is the first entry of the lot number preceding the numeric code used to identify the year of production. The alpha characters should always be all capital letters.

4. GENERAL REQUIREMENTS

4.1 Usage. Each private contractor, GOCO and GOGO plant operation must be assigned a manufacturer's identification symbol prior to the start of production of component parts or assembly of complete round items. Assurance that each producer is engaged in the manufacture or assembly of ammunition items is assigned a symbol prior to the start of production and the proper use of the symbol during the production will be responsibility of the appropriate Product Quality Specialist. The Product Assurance Commodity Manager, responsible for issuing instructions and directives for reworks, renovations, modifications, etc., will also be responsible for assuring that the installation performing such operations uses the correct manufacturer's identification symbol at all times. MIL-STD-1168, Ammunition Lot Numbering and Ammunition Data Card, directs proper usage of the ammunition lot number of which the manufacturer's identification symbol is a part.

4.2 Assignment. Symbols will be assigned by the Joint Munitions Command, AMSJM-QAO, Rock Island, Illinois 61299-6000. This MIL-HDK identifies all manufacturer's identification symbols assigned as of the date of publication and will be updated periodically to reflect new assignments and changes. Questions regarding symbol assignments will be resolved by AMSJM-QAO (usarmy.redstone.usamc.mbx.immc-mhp-helpdesk@mail.mil). Manufacturer's identification symbol are awarded by AMSJM-QAO. Request for symbol award should be obtained via a letter with company letter head and must contain the following information:

a. Name, address and phone number of the requestor
b. Manufacturer's name and address
c. Contract number
d. Purchaser order number and prime contract when request is made by a subcontractor
e. Request must be signed by a company official

4.3 Changes in Symbol Assignment. Major management changes or geographical relocation of the production facility (including within city limits) will require changes in symbol assignment or the list of revisions. Table I provides the basic guidelines in symbol assignment. It is the responsibility of the assigned party to notify AMSJM-QAO of changes that may necessitate a MIS change. Requests for changes will be forwarded to AMSJM-QAO by letter. Immediate essential changes may be accomplished by telephone if followed by a confirmation letter. Information required in a request for change is:

a. Name, address and phone number of the requestor.
b. Present symbol assignment.
c. Manufacturer's name and address (new and old if applicable).
d. Reason for requesting change (new symbol assignment, change in ownership, physical movement of plant etc.).

4.4 Manufacturer Listing. Each facility and its associated manufacturer's identification symbol are listed in the Worldwide Ammunition-Data Repository Program (WARP). The manufacturing identification symbols are continuously updated.

4.5 Symbol Listings. Each facility and its associated identification symbol are listed in alphabetical order by manufacturer's identification symbol in the World Wide Ammunition-data Repository (WARP) database. Go to https://mhpwarp.redstone.army.mil, click on the link for MIL-HDBK-1461.

5. DETAILED REQUIREMENTS

This section not applicable to this handbook.

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended Use. This handbook is to be used in conjunction with MIL-STD-1168 Ammunition Lot Numbering and Ammunition Data Card.

6.2 Subject term (key word listing).

Assignment
Identification
Listing
Status

6.3 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

TABLE 1. Rules for symbol assignment

Physical Production Facility Change	No Change	Change in Name	Change in Mailing Address	Contractor Change at GOCO	Change in Ownership	Other
No Change						
Restarting Production Plant Previously Assigned a Symbol	No symbol change. Submit changed information to AMSJM-QAO. Appendices will be updated.					
New Plant No Previous Symbol Assigned	Request assignment of a new symbol.					
Geographic Relocation of Production Facility						
Plant Ceases Production	Symbol is retained for record. May be reactivated.					
Other	Contact AMSJM-QAO for evaluation and assistance.					

CONCLUDING MATERIAL

Custodians:
Army-AR
Navy-OS
Air Force-170

Preparing Activity:
Army-AR

Review Activities:
Army-MI
Navy-MC

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NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at https://assist.dla.mil/.