

4135603

**GENERAL MARKING REQUIREMENTS  
MIL-STD-130**

1. **Purpose.** This information is presented as a guide for the proper marking for identification of parts. All parts that are required to be identified by MIL-STD-130 shall be marked specifically as defined by the part drawing in accordance with the methods specified in MIL-STD-130. When a part drawing does not specify identification marking, the items shall be identified on their shipping container per the requirements of MIL-STD-129.

2. **Methods of Applying.** The required marking shall be applied to an identification plate (see paragraph 8) securely fastened to the item, or shall be applied directly to the surface of the item by metal stamp, vibro-peening, acid, electric or electrochemical etching, embossing, forging, blasting, casting or molding. When these methods are not practicable, the marking shall be applied directly on the item by environmentally protected decalcomania transfer, metal wrap-around tag, ink stamp, stencil, silk screen or by any other method suitable for the use intended which is compatible with paragraph 3. The design activity shall specify the actual method(s) to be used in applying markings.

A. Markings material creating hazardous conditions shall not be used.

B. When items cannot be physically marked or tagged because of lack marking space (or because marking or tagging would have a deleterious effect), the detail marking requirements shall be marked on the unit container in addition to or in combination with the identification marking information specified in MIL-STD-129. Duplicate information such as NSN shall be marked only once on the container. When combining markings requirements with MIL-STD-129, the manner, method, form and format of MIL-STD-129 shall be followed providing the informational requirements of this standard are fulfilled.

C. The size of the characters used in the marking of an item shall be specified in the marking note or dimensionally shown in the field of the drawing. The tolerance applied to the dimensions shall be as broad as possible to allow the manufacture several character sizes to choose from.

3. **Permanent and Legibility.** The marking shall be as permanent as the normal life expectancy of the item or to which it is applied and capable of withstanding the environmental tests and cleaning procedures specified for the item. Legibility shall be of a color which is in contrast to the color of the surface of the plate. Identification tag marking when used shall be permanent to the extent required for utilization of the item.

4. **Configuration Identification.** Parts are no longer identified by rev. level. If the parts are no longer interchangeable, they must be assigned a new part number.

LTR	DESCRIPTION	DATE	APP	LTR	DATE	APP	DRAWN	APPROVER	DATE
A	REDRAWN & REVISED	4/30/86		F	REVISED & REDRAWN	6/23/93	CFZ	<i>[Signature]</i>	11-18-85
B	LINE 3 CORRECTED	7/6/86						<b>GENERAL DYNAMICS</b> <i>Land Systems Division</i>	SHEET 1 OF 5
C	REVISED & REFORMATTED.								
	MIL-STD-129 DELETED	7/14/87					TITLE	GENERAL MARKING REQUIREMENTS MIL-STD-130	DWG NO. <b>4135603</b>
D	ITEM 6 REVISED	10/15/87							
E	ITEM 4a REVISED	7/14/88							

84-305-0437 (I-#6)

4135603

**GENERAL MARKING REQUIREMENTS  
MIL-STD-130**

5. **Manufacturers Code Identification.** MIL-STD-130 requires that the hardware be marked with the manufacturer's government assigned commercial and government entity (cage) number. The cage code number indicated must reflect the location in which the hardware is manufactured. Regardless of the marking note format, if the part marking is required per MIL-STD-130, the manufacturer's cage code number is required. All current cage code numbers released are contained in cataloging handbook H4/H8 commercial and government entity (page 1 Section A-Name to Code or Section B-Code to Name). If the company does not have a cage code number, one must be obtained immediately. To apply for a cage code number contact:

Defense Logistics Services Center  
 ATTN: DLSC-WXA  
 Federal Center  
 Battle Creek, MI 49017-3084

A. Source control items shall be identified with the original design activity cage code, the notation "SOCN" and the identifying part number (example: 19207 SOCN12000001). Spaces shall not be used to separate the notation "SOCN" from the cage code and part number.

B. Assemblies or subassemblies shall be identified with the original design activity cage code, the notation "ASSY", and the identifying part number (example: 19207ASSY12000003). Spaces shall not be used to separate the notation "ASSY" from the cage code and part number.

The manufacturer's cage code notation in the note will consist of the "MFG", followed by a dash, a phantom rectangle arrow and the words "manufacturers cage code". The manufacturer's cage code will be the code of the prime contractor (not subcontractor) who is furnishing the part number under contract to the government. For items defined by specification or source control drawings, the manufacturer's cage code will be that of the manufacturer of the item. In addition specification control shall also be marked with the manufacturer's part number.

6. **Radioactive Material.** Items containing radioactive material shall be marked or labeled as specified in MIL-STD-1458 in addition to the requirements of this standard.

7. For those parts not covered by an ordinance drawing or military standard (i.e., shop assemblies), the hardware must be marked by tag or ink with the part number indicated on the purchase order. Example: shop assembly 1620001.

LTR	DESCRIPTION	DATE	APP	LTR	DATE	APP	DRAWN	APPROVER	DATE
A	REDRAWN & REVISED	4/30/86		F	REVISED & REDRAWN	6/23/93	CFZ	<i>[Signature]</i>	11-18-85
B	LINE 3 CORRECTED	7/6/86						<b>GENERAL DYNAMICS</b> <i>Land Systems Division</i>	SHEET 2 OF 5
C	REVISED & REFORMATTED.								
	MIL-STD-129 DELETED	7/14/87					TITLE	GENERAL MARKING REQUIREMENTS MIL-STD-130	DWG NO. <b>4135603</b>
D	ITEM 6 REVISED	10/15/87							
E	ITEM 4a REVISED	7/14/88							

84-305-0437 (I-#6)

4135603

GENERAL MARKING REQUIREMENTS  
MIL-STD-130

## 8. Required Data for Completion of a Nameplate.

- A. Contract: Government contract number as specified on purchase order.  
 B. MFR: See paragraph 5.  
 C. PN: Part number as specified on purchase order.  
 D. Nomenclature: Item name.  
 E. NSN: This section not to be completed unless specified by purchase order drawing or other referenced documents.  
 F. SERVO: This section not to be completed unless specified by purchase order drawing or other referenced documents.  
 G. DATE: Month and year of manufacture of assembly number specified on purchase order.

ITEM IDENTIFICATION: RUBBER STAMP,  
 OR STENCIL THE FOLLOWING MARKINGS IN  
 ACCORDANCE WITH MIL-STD-130 WITH BLACK INK  
 A-A-208 TYPE \_\_\_\_\_ IN .12 ± .02 HIGH CHARACTERS  
 19207SOQN12000001  
 MFR: \_\_\_\_\_ MANUFACTURER'S CAGE CODE  
 MARKING SHALL BE COATED WITH  
 CLEAR EPOXY MIL-C-22750

TYPICAL IDENTIFICATION MARKING NOTES FOR A SOURCE CONTROL ITEM

ITEM IDENTIFICATION: METAL STAMP,  
 ENGRAVE OR ELECTRO ETCH THE FOLLOWING  
 MARKING IN ACCORDANCE WITH MIL-STD-130  
 IN .12 ± .02 HIGH CHARACTERS  
 19207ASSY12000003  
 MFR: \_\_\_\_\_ MANUFACTURER'S CAGE CODE

TYPICAL IDENTIFICATION MARKING NOTES FOR AN ASSEMBLY DRAWING

LTR	DESCRIPTION	DATE	APP	LTR	DATE	APP	DRAWN	APP ENGR	DATE
A	REDRAWN & REVISED	4/30/86		F	REVISED & REDRAWN	6-23-93	CFZ	<i>B. K. [Signature]</i>	11-18-85
B	LINE 3 CORRECTED	7/6/86							
C	REVISED & REFORMATTED,								
	MIL-STD-129 DELETED	7/14/87							
D	ITEM 6 REVISED	10/15/87							
E	ITEM 4a REVISED	7/14/88							
							GENERAL DYNAMICS Land Systems Division		SHEET 3 OF 5
							TITLE GENERAL MARKING REQUIREMENTS MIL-STD-130		DWG NO. 4135603

84-305-0437 (J)-#6

4135603

GENERAL MARKING REQUIREMENTS  
MIL-STD-130

ITEM IDENTIFICATION: METAL STAMP,  
 ENGRAVE OR ELECTRO ETCH THE FOLLOWING  
 MARKING IN ACCORDANCE WITH MIL-STD-130  
 IN .12 ± .02 HIGH CHARACTERS  
 19207ASSY12000002  
 MFR: \_\_\_\_\_ MANUFACTURER'S  
 CAGE CODE PART NO.

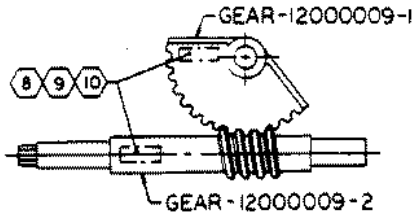
TYPICAL IDENTIFICATION MARKING NOTES FOR A SPECIFICATION CONTROL DRAWING

- ⑧ ITEM IDENTIFICATION: METAL STAMP,  
 ENGRAVE OR ELECTRO ETCH THE FOLLOWING  
 MARKING IN ACCORDANCE WITH MIL-STD-130  
 IN .12 ± .02 HIGH CHARACTERS.  
 MFR 19207-12000009  
 MFR: \_\_\_\_\_ MANUFACTURER'S CAGE CODE  
 SET: \_\_\_\_\_

- ⑨ MATCHED SET SERIAL NUMBER SHALL BE APPLIED  
 BELOW THE ITEM IDENTIFICATION AND BE COMPOSED  
 OF THE WORD "SET" FOLLOWED BY THE LAST FOUR  
 NUMBERS OF THE CONTRACT NUMBER, A DASH  
 AND A CONSECUTIVE SERIAL NUMBER.

- ⑩ ASSEMBLY SHALL BE MANUFACTURED, INSPECTED,  
 PACKAGED OR ASSEMBLED, STOCKED OR REPLACED.  
 PERMANENTLY IDENTIFIED AND RETAINED AS A  
 SERIALIZED MATCHED SET.

TYPICAL NOTES FOR MATCHED PARTS DRAWINGS



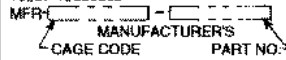
LTR	DESCRIPTION	DATE	APP	LTR	DATE	APP	DRAWN	APP ENGR	DATE
A	REDRAWN & REVISED	4/30/86		F	REVISED & REDRAWN	6-23-93	CFZ	<i>B. K. [Signature]</i>	11-18-85
B	LINE 3 CORRECTED	7/6/86							
C	REVISED & REFORMATTED,								
	MIL-STD-129 DELETED	7/14/87							
D	ITEM 6 REVISED	10/15/87							
E	ITEM 4a REVISED	7/14/88							
							GENERAL DYNAMICS Land Systems Division		SHEET 4 OF 5
							TITLE GENERAL MARKING REQUIREMENTS MIL-STD-130		DWG NO. 4135603

84-305-0437 (J)-#6

4135603

GENERAL MARKING REQUIREMENTS  
MIL-STD-130

ITEM IDENTIFICATION: METAL STAMP,  
ENGRAVE OR ELECTRO ETCH THE FOLLOWING  
MARKING IN ACCORDANCE WITH MIL-STD-130  
IN .12 ± .02 HIGH CHARACTERS  
19207-1200002



TYPICAL IDENTIFICATION MARKING NOTES FOR A SPECIFICATION CONTROL DRAWING.

LTR	DESCRIPTION	DATE	APP	LTR	DATE	APP	DRAWN	APP ENGR	DATE
A	REDRAWN & REVISED	4/30/86		F	REVISD & REDRAWN	6/23/83	CFZ	<i>R. [Signature]</i>	11-18-85
B	LINE 3 CORRECTED	7/6/86					<b>GENERAL DYNAMICS</b> <i>Land Systems Division</i>		SHEET 5 OF 5
C	REVISED & REFORMATTED.								
	MIL-STD-129 DELETED	7/14/87					TITLE GENERAL MARKING REQUIREMENTS MIL-STD-130		DWG NO. <b>4135603</b>
D	ITEM 6 REVISED	10/15/87							
E	ITEM 4a REVISED	7/14/88							

84-305-0437 (I-#8)