

SPECIAL PACKAGING INSTRUCTION

Form Approved
OMB No. 0704-0188 -TX

The public reporting burden for this collection of information is estimated to average 30 days per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE ABOVE ORGANIZATION.

1. PART OR DRAWING NO. (CAGE) NOMENCLATURE 110800 (27098) Tester, Construction Materials Moisture Density			2. CAGE 19207		3. SPI NO. AK16041875	
4. NATIONAL STOCK NO. 6635-01-6041875			5. DATE 10/30/2012		6. REVISION -	
7. QUP 001	8. ICQ NONE	9. UNIT PACK WT (LB.) 90.0	10. UNIT PACK CU (CU. FT.) 3.902		11. UNIT PACK SIZE (INCHES) 29.4 x 16.5 x 13.9	
12. MILITARY PRESERVATION MIL-STD-2073-1D, METHOD 10			18. STEPS	19. REQD	20. DESCRIPTION	
13. CLEANING MIL-STD-2073-1D					See Block 17	
14. DRYING MIL-STD-2073-1D						
15. PACKING						
a. LEVEL A MIL-STD-2073-1D						
b. LEVEL B NONE						
16. MARKING MIL-STD-129 and Note B						

17. NOTES/DRAWING
A. Kit Contents

This kit contains the following items segregated as shown in the table below. Figure 2 below shows the placement of each component in the shipping container.

Item	Part Number	Description	Qty	Cage Code
A	110800	Tester	1	27098
B	103484	Reference Standard Block	1	27098
C	102111	Scraper Plate	1	27098
D	100421	Drill Rod	1	27098
E	103680.1000	Extraction Tool	1	27098
F	110403	AC Charger	1	27098
G	104156	DC Adapter	1	27098
H	113128	RS 232 Cable	1	27098
I	110890.ARMY	Technical Manual	1	27098
J	110018	Shipping container	1	27098
K	102109.3000	Type A label	1	27098
L	106444.7000	Yellow II label	2	27098
M	103831	Air Cargo Only label	2	27098
N	012176	Lock for gauge handle	1	27098
O	021140	Radiation Sign Kit	1	27098
P		NATO Slave Adapter	1	27098

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1. PART OR DRAWING NO. (CAGE) NOMENCLATURE

3713K027 (13446) HOUSING, FLYWHEEL

2. CAGE

19207

3. SPI NO.

AK16041875

4. NATIONAL STOCK NO.

6635-01-6041875

5. DATE

9/11/2012

6. REVISION

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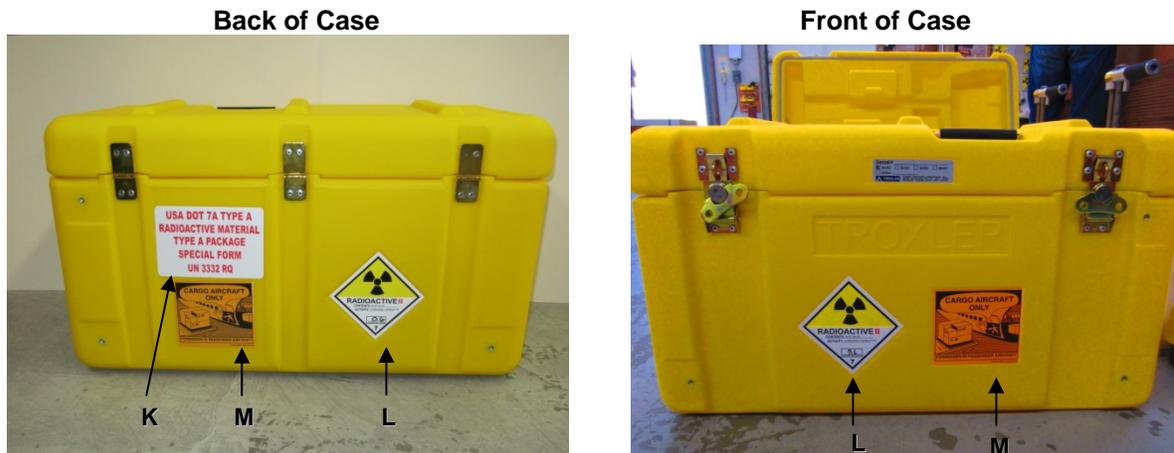
17. NOTES/DRAWING

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B. Marking (see Figure 1 below):

1. The front surface is the surface of the case with the butterfly latches accessible. This side faces the operator when opening the transport case.
2. Labels must be present on the outside of the shipping container. They must be readable and in good condition. These are required for transport according to USDOT and IATA regulations.
3. Check the condition of the Yellow II labels on the front and back of the case in the diamond shaped recessed area. Make sure that the Yellow II labels have the proper transport index (TI) value written in the box, this value should be 0.3 for the 3440Plus gauge. Replace if necessary.
4. Check the orange Air Cargo Only labels on the front and back of the case next to the Yellow II labels. On the back surface, the Air Cargo Only label is placed lower so that the white Type A package label can fit above. Replace if necessary.
5. Check the white Type A package label above the Air Cargo Only label on the back surface of the case. Replace if necessary.

Figure 1: Shipping Labels



C. Packing Instructions (see Figure 2 below):

1. Place the white standard block into the large compartment in the front center of the shipping container with the handle facing up.
2. Place the scraper plate behind the standard block with the smooth surface against the back of the standard block and the two posts resting in the cradles formed in the case body.
3. Place the drill rod lengthwise across the back center of the transport case in the recessed area with the blunt end to the left and pointed end to the right.
4. Place the extraction tool in the area just to the right of the standard block. It fits along the right end of the area standing upright.
5. Place the chargers /adapters (AC charger, DC charger) together inside the zippered (10.5" x 5.5") bag provided. This bag is placed inside the square shaped compartment just behind the standard block and attached with hook and loop (Velcro) material so it will not move during transport.
6. Place the long shank padlock through the hole in the black part of the tester handle and lock it (see figure 3). Place the key inside the MIL-DTL-117H Type III, Class B, Type 2 bag with the serial cable and other papers (see step 7).
7. Place the RS 232 serial cable and any other papers that are accompanying the gauge (ex. calibration printout and gauge certificate) in a 12" x 12" (approx. dims) MIL-DTL-117H Type III, Class B, Type 2 bag and tape it shut. Place the bag in the rectangular compartment at the left end of the shipping container.
8. Place the technical manual in the rectangular compartment at the left end of the shipping container.
9. Place the radiation sign kit in the rectangular compartment at the left end of the shipping container with the technical manual. (See SPI AK16106861 for radiation sign kit.)
10. Place the Nato Slave Adapter, laying in its side with the smooth surface against the Technical Manual, at the left end of the case. The receptacle cap should be next to the drill rod head. Leave room for the tester handle to be inserted against the grey foam pad.

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11. Place the tester in the shipping container with the body facing down into the large open area at the right end of the case. To do this, position the tester with the body facing left and the tall rod with handle on the right side (See Figure 4 below). Grab the tester by the handle (position A) with the left hand and use the other hand to grab the triangular extrusion near the bottom (position B) and lift the tester to a position somewhat parallel to the case and then guide the body into the compartment. The end of the handle should rest on the 2" long x 1.5" wide grey foam pad in the case to help hold the tester steady in transit.
 12. Close the transport case lid and close the butterfly hasps following these steps (see Figure 5):
 - a. Lift up and engage the catch on the keeper plate with the U-shaped hasp fitting through the middle of the latch
 - b. Turn the butterfly wing clockwise 180 degrees until fully closed, the butterfly wing will be horizontal
 - c. Push down the butterfly wing grip flat against the case
 - d. Repeat for the other latch on the front of the case
 13. Place a tamper evident seal on one of the U-shaped hasps above the latch to ensure that the transport case isn't opened in transit.
 14. If the tester is to be shipped commercially, see WP 0089 of the Technical Manual for wipe test instructions.

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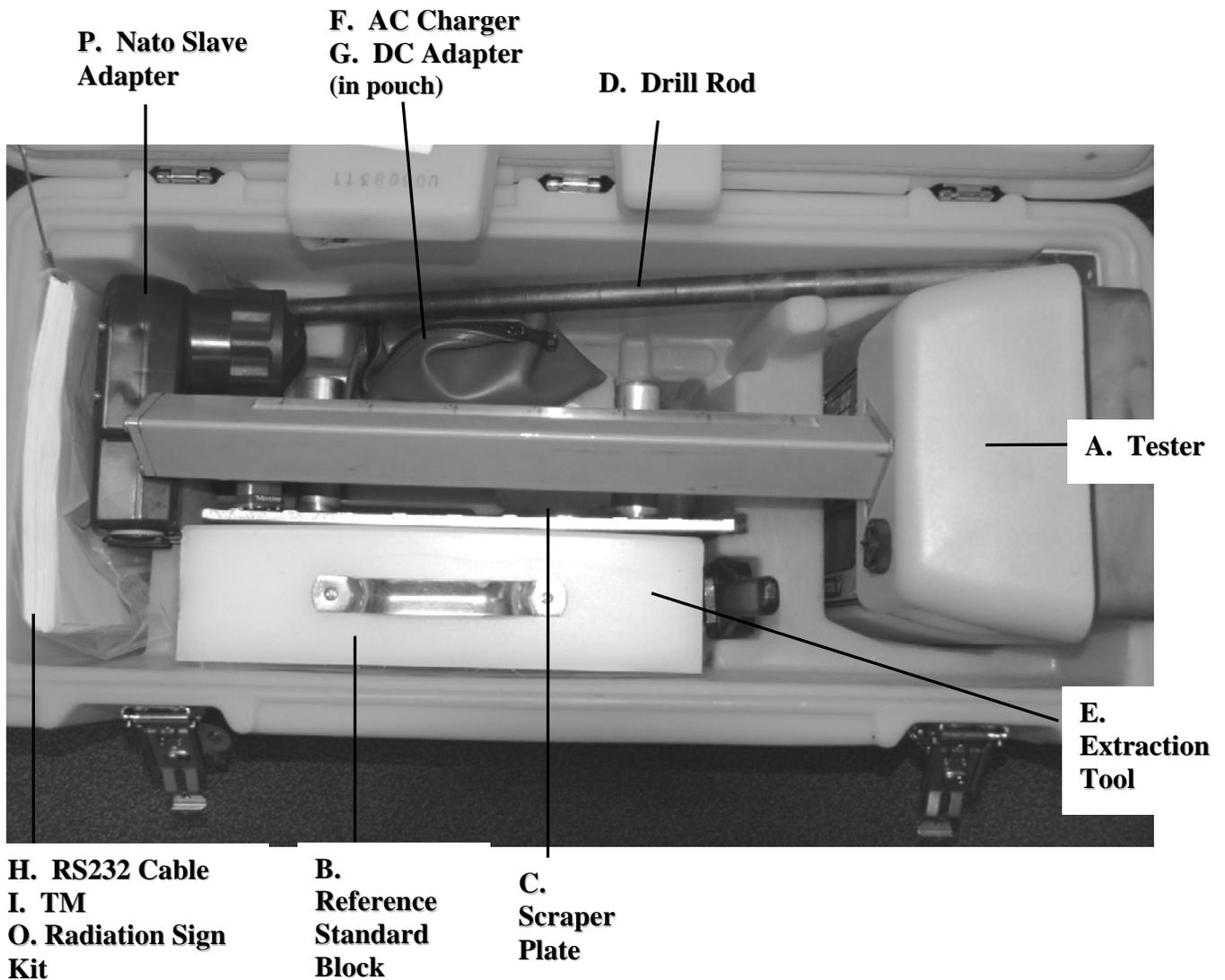
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Figure 2: Placement of Tester and Accessories in Shipping Container



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Figure 3: Insert Handle Lock



Figure 4: Placing Tester in Case



Figure 5: U-shaped Hasp, Butterfly wing



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