

DIRECT SUPPORT MAINTENANCE

M43A1 CHEMICAL AGENT DETECTOR (CAD)

M8A1 LIN: A32355, NSN: 6665-01-105-5623

CHEMICAL AGENT MONITOR

CAM LIN: C05701, NSN: 6665-01-199-4153

RADIATION PROTECTION PROGRAM AUDIT CHECKLIST

In addition to USAREUR/7A USER/UNIT LEVEL Requirements

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| YES NO NA | 1. Does the DS maintenance unit have a published SOP? |
| YES NO NA | 2. Is there a M8A1 and CAM serialization officer assigned to maintain the DOD Radiation Test & Tracking System? |
| YES NO NA | 3. Are procedures in place to notify the USAREUR/7A RCO when discrepancies are discovered in the physical inventory/serialization records? |
| YES NO NA | 3. Do M8A1 and CAM maintenance personnel received at least 8 hours of radiation safety training that includes: <ul style="list-style-type: none">a. Hazards of Americium-241 and Nickel-63?b. Units of radiation?c. Biological effects?d. Detection and instrumentation?e. Serial number tracking?f. Emergency procedures?g. Wipe testing (OJT)? |

- YES NO NA 4. Does the DS maintenance activity maintain a customer database?
- YES NO NA 5. Does the DS maintenance activity ensure M8A1 and CAM leak tests are performed annually for the units it services?
- YES NO NA 6. Are leak tests performed prior to any maintenance of the M8A1 or CAM?
- YES NO NA 7. Are radioactive sources secured against unauthorized use?
- YES NO NA 8. Are leak test samples forwarded to ACALA testing laboratory, Rock Island, IL, for analysis?
- YES NO NA 9. Are DOD RATTS transaction reports submitted to the USAREUR/7A RCO for:
- a. Inventory loss?
 - b. Suspected loss or theft?
 - c. Receipt?
 - d. Shipment?
 - e. Demilitarization?
 - f. Unfavorable wipe test report?
 - g. Removal/insertion of cell module from M8A1 detector?
- YES NO NA 10. Is the work area properly prepared? Bench(s) covered with kraft paper? Paper secured to work surface with tape? All seams sealed with tape?
- YES NO NA 11. Are disposable gloves worn and hands washed at the end of maintenance or testing?
- YES NO NA 12. Is an outlet filter used (M8A1) when in an enclosed area?
- YES NO NA 13. Is the work area wiped and the wipes surveyed with the appropriate RADIAC meter (AN/PDR-77) probe following all maintenance operations? (If area reads over 3 dpm for

M43A1 or 30 dpm for CAM above background, area must be considered contaminated.)

YES NO NA

14. Are radioactive waste cans used? Are the cans designated and labeled? Is Am-241 separated from Ni-63 radioactive waste?

PERSONNEL INTERVIEWED:

<u>NAME</u>	<u>UNIT</u>	<u>PHONE NUMBER</u>
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