

SCOPE & DEFINITIONS

This Chapter contains criteria regulating the use, storage, and handling of pesticides (as defined below), but does not address the use of these materials by individuals acting in an unofficial capacity in a residence or garden. The disposal of pesticides is covered in Chapter 6.

Azienda Sanitaria Locale (ASL) – The local Italian agency (i.e., Local Health Board) responsible for oversight of environmental and public health regulations.

Certified Pesticide Applicators – Personnel who apply pesticides and who have been formally certified for OCONUS application in accordance with the DoD manual “DoD Pest Management Training and Certification” (DoD 4150.7-M), or personnel who hold a valid license (patentino) issued by the competent Provincial Agricultural Office (Ispettorato Provinciale dell’Agricoltura).

Integrated Pest Management (IPM) – A planned program, incorporating continuous monitoring, education, record-keeping, and communication to prevent pests and disease vectors from causing unacceptable damage to operations, people, property, materiel, or the environment. IPM uses targeted, sustainable (effective, economical, environmentally sound) methods including education, habitat modification, biological control, genetic control, cultural control, mechanical control, physical control, regulatory control, and where necessary, the judicious use of least-hazardous pesticides.

Local National – A DoD employee hired under Italian employment conditions.

Pests – Arthropods, birds, rodents, nematodes, fungi, bacteria, viruses, algae, snails, marine borers, snakes, weeds, undesirable vegetation, and other organisms (except for microorganisms that cause human or animal disease) that adversely affect the well being of humans or animals, attack real property, supplies, equipment or vegetation, or are otherwise undesirable.

Pest Management Consultant – Professional DoD pest management personnel located at component headquarters, field operating agencies, major commands, facilities engineering field divisions or activities, or area support activities who provide technical and management guidance for the conduct of installation pest management operations. Some pest management consultants may be designated by their component as certifying officials.

Pesticide – Any substance or mixture of substances, including biological control agents in the form of microorganisms, that may prevent, destroy, repel, or mitigate pests. Pesticide generally refers to insecticides, rodenticides, herbicides, and other chemicals used to control pests and undesirable vegetation.

Pesticide Waste – Materials subject to pesticide disposal restrictions including:

- Any pesticide that has been identified by the pest management consultant as cancelled under U.S. or Italian authority
- Any pesticide that does not meet specifications, is contaminated, has been improperly mixed, or otherwise unusable, whether concentrated or diluted
- Any material used to clean up a pesticide spill
- Any containers, equipment, or material contaminated with pesticides

Empty pesticide containers are classified as dangerous waste. They must be disposed of as dangerous waste, even if triple rinsed.

Registered Pesticide – A pesticide that has been registered and approved for sale or use within the United States and Italy.

CRITERIA

C11.1 PESTICIDE APPLICATION RECORDS

All pesticide applications (excluding arthropod skin and clothing repellents) will be recorded daily, using DD Form 1532-1 (Pest Management Maintenance Report) or a computer-generated equivalent. The Pest Management Maintenance Report has been assigned Report Control Symbol DD-A&T(A&AR)1080 in accordance with DoD 8910-M. These records will be:

- Submitted at least quarterly to the Major Command or Area Pest Management Consultant
- Submitted annually to the Italian Base Commander, who may forward the information to the ASL (see Chapter 1 for the process)
- Archived for permanent retention in accordance with specific service procedures

Local National certified pesticide applicators must also record their pesticide application information in a Pesticide Application Register (signed by the ASL). The register must be signed by the pesticide applicator and must remain at the user site or in the administrative office.

C11.2 PESTICIDE MANAGEMENT PLAN

Installations will implement and maintain a current pest management plan that includes measures for all installation activities and satellite sites that perform pest control. This written plan will include IPM procedures for preventing pest problems in order to minimize the use of pesticides. The plan must be reviewed and approved in writing by the appropriate pest management consultant. During the preparation of the plan, the installation should contact the competent Regional authority to determine whether the Region has limited pesticide usage in their local area to protect local water resources.

C11.3 PESTICIDE APPLICATION BY CERTIFIED PESTICIDE APPLICATORS

All pesticide applications will be made by certified pesticide applicators, with the following exceptions:

- Arthropod skin and clothing repellents
- Pesticides applied as part of an installation's self-help program

C11.4 MEDICAL SURVEILLANCE

All pesticide applicators will be included in a medical surveillance program to monitor the health and safety of persons occupationally exposed to pesticides. The medical surveillance program for Local Nationals should incorporate the applicable monitoring frequencies in Table 11.1.

C11.5 PERSONAL PROTECTIVE EQUIPMENT

All pesticide management personnel will be provided with personal protective equipment appropriate for the work they perform and the types of pesticides to which they may be exposed.

C11.6 APPROVED PESTICIDES

Installations will only use registered pesticides approved in writing by the appropriate pest management consultant. This may be documented as part of the approval of the pest management plan.

C11.7 SPILL CONTINGENCY PLAN

Pesticides will be included in the installation spill contingency plan (see Chapter 18).

C11.8 PESTICIDE MANAGEMENT FACILITIES

Pest management facilities, including mixing and storage areas, will comply with Military Handbook 1028/8A.

C11.9 LABELS

Labels will bear the appropriate use instructions and precautionary message based on the toxicity category of the pesticide ("danger/*pericolo*", "warning/*attenzione*", or "caution/*prudenza*"). If Local Nationals will be using the pesticides, the precautionary messages and use instructions will be in English and Italian.

C11.10 MSDS & LABELS

Material Safety Data Sheets (MSDSs) and labels for all pesticides will be available at the storage and holding facility, in accordance with Chapter 5.

C11.11 PESTICIDE STORAGE AREAS

Pesticide storage areas will contain a readily-visible current inventory of all items in storage and should be regularly inspected and secured to prevent unauthorized access. A pesticide spill kit will be maintained in all pesticide storage areas and on each pest control vehicle.

Items to be disposed of will be immediately sent to an area specifically designated for the temporary deposit of waste (TDW, see Chapter 6).

C11.12 EXCESS PESTICIDES

Unless otherwise restricted or canceled, pesticides in excess of installation needs will be redistributed within the supply system or disposed of as a pesticide waste (see C11.13).

C11.13 PESTICIDE WASTES

Pesticide waste is classified as a dangerous waste and must be disposed of in accordance with Chapter 6 of this document.

ADMINISTRATIVE ITEMS

1. If using an Italian certified pesticide applicator, installations must keep an updated Pesticide Application Register (signed by the ASL) recording all pesticide applications.
2. Pesticide users should provide the Italian Base Commander with an annual declaration of their pesticide applications/use. The Italian Base Commander may forward this declaration to the ASL.

**Table 11.1 Medical Surveillance Frequency
for Local National Pesticide Applicators**

Cause of Risk¹	Activity or Work Category¹	Frequency of Monitoring
Antimony alloys or compounds	– Production of pesticides and related products and professional use	Once every 6 months
Carbon disulfide	– Professional rat disinfection and disinfection	Once every 3 months
Hydrogen cyanide and compounds	– Rat disinfection and disinfection – Destruction of agricultural parasites	Once every 3 months
Mercury amalgams and compounds	– Professional use of pesticides and related products containing organic mercury compounds	Once every 3 months
Nitrochloroform	– Destruction of harmful parasites in agriculture	Once every 3 months
Phenols and cresols	– Destruction of harmful parasites in agriculture through nitrate derivatives of phenols and cresols	Once every 6 months
Phosphorus and compounds	– Professional use of compounds containing organic phosphorus compounds	Once every 3 months
Sulfuric anhydride	– Professional rat disinfection and disinfection	Once every 3 months

Note

1. Only pesticide-related activities are included in this table.