

**8040.2**  
**Rev. 12/2009**

## **SPECIFIC CHEMICAL HAZARDS**

### **Pesticides, Herbicides and Fungicides**

#### **INTRODUCTION**

This chapter contains guidance pertinent to the application and handling of pesticides, including fungicides, herbicides, rodenticides and insecticides. At Fermilab, the application of regulated pesticides is done by FESS personnel who have obtained the appropriate level of licensing from the state of Illinois, or by properly licensed subcontractors managed by FESS. This chapter is not applicable to household products that do not require a license to apply, e.g., Raid™, Cutters™, or any such products that are generally available through the Fermilab stockroom or in a retail store.

#### **SCOPE**

This chapter pertains to all areas of the Laboratory where there is, or could be, pesticide application.

#### **APPLICABLE CODES**

Illinois Administrative Code (IAC) Title 8, Agriculture and Animals, Part 250, Illinois Pesticide Act.

40 CFR 165 Regulations for the Acceptance of Certain Pesticides and Recommended Procedures for the Disposal and Storage of Pesticides and Pesticides Containers.

#### **DEFINITIONS**

Licensed applicator - The responsible person in charge of all pesticide application. Also, the licensed applicator supervises the application of pesticides performed by licensed operators.

Licensed operator - A person trained and licensed in the application of pesticides under the supervision of a licensed applicator.

Pesticides - a general term which includes fungicides, herbicides, rodenticides and insecticides.

## **RESPONSIBILITIES**

ES&H Section - acts as the liaison with all government agencies, DOE and Fermilab, and provides assistance and guidance as required. The ES&H Section will assist and arrange for the disposal of pesticides which are determined to be waste material. The ES&H Section will conduct fit testing and issue respirators to licensed operators and applicators as required.

Facilities Engineering Services Section - is responsible for assuring compliance with applicable codes and regulations governing the application, use and storage of pesticides applied at Fermilab. This includes pesticides applied by either Lab personnel or subcontractors.

## **REFERENCES**

Fermilab ES&H Manual Chapter 8021, "Regulated Chemical Waste Disposal."

Fermilab ES&H Chapter Chapter 5103, "Respiratory Protection."