

Electrical Safety Student Guide

Overview

1-Hour Module

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Workers performing service or maintenance on machinery and equipment may be exposed to injuries from shock and arc blast and/or flash during the use, maintenance, and servicing of electrical equipment throughout the processing facilities.

The electrical safety standard requires the adoption and implementation of safe installation and work practices to prevent electrical shock, electrocution, and arc flash/blast.

It contains minimum safety installation requirements, and definitive criteria for establishing an effective program for the control of electrical hazards. Like other standards, such as lockout and tag out, it requires circuits and equipment to be put into a safe electrical work condition.

This presentation discusses some of the key issues related to safety for the poultry processing industry and addresses the following topics: General requirements, wiring protection and design, general use, and safe work practices.

Objectives

After the completion of this session, the participant should be able to: Recognize key electrical safety components, Identify select hazards as related to the poultry industry, List potential methods that can be used to eliminate electrical hazards, and Discuss safe electrical work practices.

Topics to be covered

The following topics will be discussed as part of the course:

- A. General Requirements
- B. Wiring Protection and Design
- C. General Use
- D. Safe Work Practices