



Pest Control

Introduction

The company has established, documented and implemented a pest control system for the site, which is maintained in order to meet the requirements of the Food Safety Quality Management System and ensure the safe production of products.

Procedure

The company operates a proactive system for the prevention of contamination of products by pests and ensures there are effective controls and processes in place to minimise pest activity. This procedure is used in conjunction with written Prerequisites and HACCP plans to ensure adequate pest control. The Hazards Associated with pests are the contamination of food by bacteria from pests and their droppings and also unwanted contamination of food with pests' bodies, eggs, hairs or droppings. At the factory design stage measures are taken to reduce the risk of contamination by aiming to restrict the access of pests on site.

Raw materials, packaging and finished products are stored so as to minimise the risk of infestation. Where stored product pests are considered a risk, appropriate measures are included in the control programme. All incoming goods are inspected for pest infestation. Process equipment handling raw materials vulnerable to infestation is identified and scheduled inspection undertaken. All buildings are required to be adequately proofed as described in Site Standards. In order to prevent risk of contamination no animals are allowed on site. All staff are trained in identification and reporting of pests/evidence of pests on site.

The company employs a Pest Control Association registered pest control contractor to implement a pest control programme and maintain the site free from pest contamination.

The contract agreement defines:

- company and contractor key contact personnel
- description of contracted services and how they will be completed
- term of the contract
- equipment and material storage specifications

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Owned by: Technical Manager

Authorised By: Site Director





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- a complete inventory of pesticides (must be approved by the regulatory authority for use in a food facility) detailing the safe use and application of baits and other materials such as insecticide sprays or fumigants
- emergency call out procedures
- records to be maintained
- requirement to notify facility of any changes in service or materials used
- Service personnel including evidence of competency by exam from a recognized organization

The contracted service provides:

- monthly site visits and inspections including service records describing current levels of pest activity and recommendations for taking Corrective Actions.
- inspections including the periphery and internal and external buildings
- the provision of a plan/diagram of the site showing the location of all pest control monitoring and prevention measures
- flying insect controls including fly killing units
- emergency 24 hour call-out service
- quarterly biologist inspection reports, visit and trend reports with recommendations
- a current copy of the certificate of insurance that specifies the liability coverage
- Spill control materials and procedures
- Material Safety Data Sheet information to ensure proper usage of pesticide chemicals.

Both the contract and service agreement information are held in the Pest Control File which is managed by the Technical Manager who has overall responsibility for pest control on site.

Before agreeing to a contract the Technical Manager verifies that the pest control contractor is qualified. Copies of training records and qualifications are held in the pest control file for each person who performs pest management services on site. At the start of the contract a detailed survey of the entire facility is completed by a qualified Field Biologist and the results are documented and used to determine placement of monitoring devices.

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- Live cage traps
- See-saw tubes
- Electrocuting traps
- Extended trigger traps that send alert e-mails or text messages

Electronic Flying Insect Killing Units (EFKs)

EFKs assist in the identification and monitoring of flying insects. For food safety reasons all EFKs have shatter-resistant tubes and are positioned at least 3 m from food contact surfaces, exposed products, packaging, and raw materials in food handling areas. EFKs are installed away from entrance areas in a way that does not attract insects to the facility. EFKs are used to monitor flying insect activity at locations that are likely to allow access to the facility. All units are checked weekly to ensure they are working. Each unit is serviced quarterly by the pest control contractor, the service includes:

- Emptying collection trays and analysis of contents
- Cleaning the units
- Repairs
- Reporting volume and type of insects caught including trends
- Annually tube change at the beginning of the active season.

All EFK services records are kept in the pest control file, the Technical Manager uses the EFK service information to identify and eliminate the source of insect activity.

Pheromone Traps

Pheromone traps are used to assist in the identification of stored product insect pests in areas prone to this type of infestation.

Pheromone traps are inspected quarterly by the pest controller who reports the types and quantities of insects found. The Technical Manager uses the information to identify and eliminate the source of activity.

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- Specific location of application
- Method of application
- Amount of pesticide used at the application site
- Next action/follow up date
- Date and time
- Signature of pest controller

Temporary placement of any pest monitoring devices for short-term monitoring is documented in pest control action reports.

The Field Biologist conducts a quarterly assessment of the facility including catch trap analysis. The assessment evaluates all areas inside and outside the facility. Assessment results and recommendations are documented and reviewed with the Technical Manager with a view to improving and updating the pest control procedures.

All personnel are trained to identify potential issues caused by pests at induction. A pest control reporting procedure is in place such that any incident or sign of pest activity is immediately reported to the Technical Manager and any potential product affected is quarantined. The Technical Manager maintains a log of pest sightings and the action taken by the pest controller.

The log is maintained in the pest control file and includes:

- Date
- Time
- Type of pests observed
- Actions taken
- Person taking the action and signature

The log is used to identify and eliminate areas where pest activity is observed and to document corrective Actions taken. In the event of an infestation the Technical Manager identifies, evaluates and authorises the release of any potential product affected by the pests. The Field Biologist reviews the log each quarter to identify trends in pest activity. A report of findings is submitted to the Technical Manager for review.

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