

2.9.10. Secure Storage of Hazardous Material and Prevention of Unintended Use

Standard

Are hazardous materials such as baits for pest control, boiler water treatment, fuel and cleaning agents stored securely away from ingredient handling areas to ensure that mistaken use in feed does not occur?

Where relevant are they stored close to the point of intended use?

Hazardous materials need to be assessed with respect to safe storage location. E.g. baits ideally are stored away from the milling area; boiler chemicals are stored within the boiler area. This needs to be identified in the HACCP risk assessment.

Purpose

The storage and management of hazardous material such as cleaning agents, fumigants, baits/pesticides and others, shall be risk assessed to ensure appropriate control measures are in place.

Reason

The safe storage and management of these chemicals must be implemented to avoid risks associated with human and animal health. These may be unintended use in stockfeed or hazard to operator using chemicals. Operators also have a regulatory responsibility under Work Health and Safety Act (2017) for the safe storage and use of these chemicals.

Operators have a responsibility to produce a safe a high-quality product, free from contaminants.

What is Acceptable?

Procedure for the Management of Chemicals

Procedures should be made available for the management and safe storage of hazardous material and other chemicals. The first step to assessing a chemical used on site will be via a risk assessment. Once a risk category is applied, the operator may determine the need for storage zoning, lockable storage, or other controls.

Chemicals Inventory List

A chemical inventory list shall contain a summary of the chemical, including the quantity stored on receipt. Where a chemical is partially used, the inventory control system shall track its usage (Fact Sheet 2.9.7 & 2.9.8).

Storage requirements

Operators shall have a dedicated hazardous material storage section. Storage suggestions include:

1. Freestanding roofed building away from manufacture of stockfeed, locked and labelled.
2. A room enclosed within a building, locked and labelled.
3. A room attached to another building, roofed, locked and labelled.
4. Outward opening doors.
5. Easy to clean, non-slip flooring.

The room/roofed area shall be structurally sound to hold hazardous material. In case of emergency, operators shall make available a hazardous spill kit, first aid kit, PPE, fire extinguisher. Emergency shower stations are also ideal for washing in the event of major spills or contact with hazardous chemicals. The appropriate safety signage shall be placed in storage area according to regulation ([Safe Work Australia](#)).

Example procedures and Inventory Log:

STORAGE & CHEMICAL MANAGEMENT PROCEDURE

1. PURPOSE

This procedure describes how [Insert Company Name] will control and manage all storage and management of chemicals and agents not for incorporation into feed.

2. SCOPE

The management procedure will be applicable to all chemicals used within or located at the feed mill. This includes all chemicals that may be toxic to livestock or result in chemical residue if unintentionally included within stockfeed. This does not include lunchrooms, amenities or other feed-milling buildings.

3. TERMS & DEFINITIONS

Chemical: A compound or substance used for the purpose of cleaning or maintenance within a feed mill.

4. PROCESS

Risk Assessment

The operator shall conduct a Risk Assessment on each chemical used or located within the feed mill as part of the Site Hazard Food Safety Risk Assessment. The risk rating shall take into consideration toxicity to livestock and chemical residue in finished feeds.

Inventory Management

Each incoming chemical shall be processed as per incoming goods and listed on Chemical Inventory Log. The inventory process shall check and record:

- Batch Number.
- Date arrived & accepted.
- Total Quantity.
- DOM/DOE.
- Risk Rating.
- Hazardous Symbol.
- SDS.

Secure Storage

All high risk and hazardous materials shall be stored in a locked and controlled area away from feed ingredient storage and Milling equipment. Only authorised person [Insert name/role] shall release a chemical for use.

Outcome

Control of all hazardous material and chemicals that may cause a feed safety risk.

5. DOCUMENTATION & RECORDS

The following records shall be maintained to assure this program was conducted according to the Quality Policy.

- Chemical Inventory Log

6. DOCUMENT HISTORY

Version	Date	Description of changes	Author
1	dd/mm/yy	Created original document.	name

Example Register

CHEMICAL INVENTORY LOG

General						Expiry		Operator	
Batch Number	Location	Chemical Name	Hazard Symbol	Risk Rating	Quantity	DOM	DOE	Date	Initial

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