


Section 4.3

Feed Quality and Storage

REFERENCED IN THIS SECTION:

Number/ Identifier	Name	Importance
 RECORD		
R-L	Farm Plan	Highly recommended

SECTION 4.3

FEED QUALITY AND STORAGE

REQUIREMENTS

1. Farm areas used for storing and mixing feed and feed ingredients must be:
 - a. clean and adequately maintained
 - b. kept dry
 - c. free of significant contamination from bird and animal feces, and
 - d. free of chemical contaminants (e.g., pesticides, cleaning and disinfection products, oil, fertilizer).
2. Feed and feed-ingredient bins, distribution lines and feed-transfer systems must all be clearly identified.

RATIONALE

- a. Feed and feed ingredients stored inadequately can become contaminated by animal or bird feces. These can introduce pathogenic organisms or serve as a base for the growth of mold and other fungi.
- b. Identifying distribution lines and silos helps to prevent errors during the manufacturing or distribution of feed and feed ingredients.
- c. Feed and feed ingredients can be contaminated by inadequately stored agricultural chemicals, which can be harmful to pigs and pose a risk to food safety.
- d. Birds, rodents and pets (e.g., cats and dogs) can transmit
 - i. enterobacteria (e.g., *Salmonella*) responsible for gastroenteritis, and
 - ii. parasites (e.g., *Toxoplasma* responsible for *toxoplasmosis*).(see Sections on Pest Management and Domesticated Animals for further information)

GUIDANCE

- a. Chemical products should be used and stored according to the manufacturer's instructions, completely separate from feed and water equipment and activities.
- b. It is crucial to keep all types of chemical contaminants away from the pigs to avoid their consumption by the pigs and, consequently, the contamination of the meat.
- c. A plan indicating the location of buildings and feed bins, silos should be provided to suppliers (Record R-L).
- d. Inadequate storage or poor handling of feed can result in contamination or cross-contamination with drug residue, chemical products, pathogens, mycotoxins, and animal feces. It is important to cover feed bins and carts to minimize access by birds and rodents.

🔍 AUDIT QUESTIONS

Q#	Audit Questions and Interpretations	Verification			
		Compliant	NC-Minor	NC-Major	N/A
	Verify that the feed and feed ingredients are stored and mixed in an environment that is: <ol style="list-style-type: none"> clean and adequately maintained dry free of significant contamination from bird or animal feces, and free of chemical contaminants (e.g., pesticides, cleaning and disinfection products, oils, fertilizers). 				
		Full Validation: > observation			
Q4.3.1	Are the farm areas used for storing and mixing feed and/or feed ingredients:				
	a. clean and adequately maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	b. kept dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	c. free of significant contamination from bird or animal feces?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	d. free of chemical contaminants (e.g., pesticides, cleaning and disinfection products, oils, fertilizers)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Verify that all of the following items are clearly identified: <ol style="list-style-type: none"> feed and feed ingredient bins feed distribution and transfer lines other feed transfer systems (e.g., switches, carts, pails) 				
		Full Validation: > observation			
Q4.3.2	Are all of the following items clearly identified:				
	a. feed and feed ingredient bins?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. feed distribution and transfer lines?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c. other feed transfer systems (e.g., switches, carts, pails)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

N/A = not applicable



LEVELS OF COMPLIANCE – EXAMPLES

COMPLIANT

- › Farm storage and mixing feed areas meet requirements.

MINOR NON-COMPLIANCE – Not applicable

MAJOR NON-COMPLIANCE **Timeline: 60 days**

- › Farm storage and mixing feed areas are not clean and adequately maintained.
- › Farm storage and mixing feed areas are not kept dry.
- › Farm storage and mixing feed areas are significantly contaminated by animal or bird feces.
- › Farm storage and mixing feed areas are also used to store chemical products.
- › Feed bins, feed distribution and transfer lines, and other feed transfer systems are not all clearly identified.