

Hazard Analysis Samples for Dairy Cattle Feed Mill

Ingredient/ Processing Step	Identify Hazards	Rank Severity Of Illness Or Injury To Animals	Rank Probability The Hazard Will Occur In Animals	Rank Severity Of Illness Or Injury To Humans	Rank Probability The Hazard Will Occur In Humans	Is A Preventive Control Needed?	Justification For Ranking	What Control Measures Are In Place To Address The Hazard?
Pellet Mill Location: 3 A	Biological <i>No significant risks</i>							
	Chemical Petroleum Products	High (1)	Low (C)	High (1)	Very Low (D)	1-C,1-D: No	<p>Severity: Petroleum products and lithium grease can cause toxicity in animals and death have been reported in cattle (<i>Johnson, et al. "Lithium toxicity in cattle". Vet. Hum. Toxicol. 22:248, 1980</i>).</p> <p>Probability: Food Grade Grease is used in the Pellet Mill to eliminate any risk of petroleum product contamination with animal food contact surfaces.</p> <p>Personal Hygiene Practices GMPs prevent employee exposure to petroleum products used in other areas of the mill.</p>	<p>Use of Food Grade Grease in Pellet Mill</p> <p>Personnel and Supervision</p>
	Chemical Heavy metals or other contaminants in steam	High (1)	Low (C)	High (1)	Very Low (D)	1-C, 1-D: No	<p>Severity: Heavy metals or other contaminants can cause severe illness or injury in animals.</p> <p>Probability: There are procedures in place to ensure a safe water source for steam used in the plant.</p>	<p>Annual Equipment Verification Activities</p> <p>Water Test Results</p>

NOTE: Safe Animal Feed Education Program (SAFE) guidance materials are provided for educational purposes only and do not guarantee adequacy of procedures or compliance with regulations.

Hazard Analysis Samples for Dairy Cattle Feed Mill

Ingredient/ Processing Step	Identify Hazards	Rank Severity Of Illness Or Injury To Animals	Rank Probability The Hazard Will Occur In Animals	Rank Severity Of Illness Or Injury To Humans	Rank Probability The Hazard Will Occur In Humans	Is A Preventive Control Needed?	Justification For Ranking	What Control Measures Are In Place To Address The Hazard?
	used for pellet mill						Water is provided from a well and testing occurs annually.	
	Physical Metal introduced in processing	Medium (2)	Very Low (D)	No significant risk	No significant risk	2-D: No	Severity: Metals fragments in feed can lead to injury and hardware disease in cattle. Probability: There are magnets and screens located before and after the pellet mill and routine preventive maintenance of the pellet mill is logged.	Maintenance Daily Maintenance and Quality Control Checklist

Related Resources:

[Hazard Analysis Rubric](#)

[Hazard Analysis Template](#)

[Hazard Analysis Template Explanation](#)

See [SAFE Prerequisite Programs Guidance](#) to view the sample prerequisite programs listed in this example under “What Control Measure Are in Place to Address the Hazard?”