

**IFSS Framework – Basic Level Gen Eds
B28 Transportation**

Definition: Introductory knowledge, skills, and abilities related to preventing contamination of feed and food during transport.

Topic Area TLO (Terminal Learning Objective): Describe how transportation affects feed and food safety.

Topic Area ELOs (Enabling Learning Objectives):

- Articulate the requirements for protection of product.
- Explain how transportation practices can lead to adulterated product.
- Evaluate whether mishandling of products has occurred.
- Describe jurisdictional authority over transported products.
- Evaluate whether mishandling has resulted in adulterated product.

<p>Unit 1: Foundations</p> <p>Definition: Basic knowledge of transportation related to feed and food safety.</p> <p>TLO: Describe basic information regarding the role of transportation.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Define relevant terminology. • Locate resources. • Describe the importance of transportation. • Give examples of stakeholders. • Demonstrate knowledge of transportation regulations. • Identify agency jurisdiction for transportation. 	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can describe the role of safe transportation within the food chain. • The regulator can describe transportation equipment impact on food safety. • The regulator can discuss the sanitary transportation rule. • The regulator can discuss key requirements of the sanitary transportation rule: <ul style="list-style-type: none"> a. Discuss waivers and exemptions
<p>Unit 2: Transportation Methods</p> <p>Definition: Description of transportation methods.</p>	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can identify the transportation modes used in food and feed.

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<p>TLO: Discuss transportation options used for feed and food.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Identify transportation modes used in feed/food systems. • Recognize the mode of transportation suited for specific products. • Recognize hazards unique to specific modes of transportation. • Explain the importance of dedicated transportation equipment. • Discuss required identification of equipment. 	<ul style="list-style-type: none"> • The regulator can discuss considerations in the selection of a transportation mode.
<p>Unit 3: Inspections</p> <p>Definition: Basic knowledge necessary to conduct inspections of various conveyances.</p> <p>TLO: Discuss the complexity of traceability throughout the supply chain.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Discuss required documentation. • Describe inspection role in transportation incidents. 	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can discuss the elements of the inspection process: <ol style="list-style-type: none"> a. Design b. Sanitary conditions c. Controlled environment d. Etc. • The regulator can explain how the inspection process ensures food transportation safety: <ol style="list-style-type: none"> a. Proper design b. Sanitary conditions c. controlled environment d. Properly maintained e. Properly equipped f. Stored g. Design h. Training i. Documentation

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<ul style="list-style-type: none"> • Describe the disposition of damaged products. • Give examples of disposition of salvaged products. • Describe procedures for the inspection of specific transportation conveyances. • Discuss receiving procedures. • Discuss the importance of maintaining shipping documentation. 	
<p>Unit 4: Security</p>	<p>TLO Behavioral Anchors - not all-inclusive</p>
<p>Definition: Basic knowledge of how security measures maintain safe transportation.</p> <p>TLO: Describe security measures designed to ensure safe transportation.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Discuss the importance of transportation security. • Identify areas of vulnerability. • Identify the importance of seals. • Give examples of security breaches. • Describe the importance of documentation. 	<ul style="list-style-type: none"> • The regulator can demonstrate knowledge of securing product during transportation: <ol style="list-style-type: none"> a. Seals/padlocks b. Etc.
<p>Unit 5: Product Safety</p>	<p>TLO Behavioral Anchors - not all-inclusive</p>
<p>Definition: Basic knowledge of how to maintain and protect product safety during transportation.</p>	<ul style="list-style-type: none"> • The regulator can demonstrate knowledge of securing product during transportation: <ol style="list-style-type: none"> a. Seals/padlocks

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<p>TLO: Discuss the importance of protecting products during transportation.</p> <p>ELOs:</p> <ul style="list-style-type: none">• Discuss the importance of sanitation practices in transportation.• Give examples of safe handling methods in feed transportation.• Discuss the importance of pest control.• Discuss the importance of environmental control.• Explain the importance of preventing cross contamination.	<p>b. Etc.</p> <ul style="list-style-type: none">• The regulator can discuss the risks associated with loading, transportation and storage.
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