

MODULE LOG3010: WAREHOUSE & DISTRIBUTE 3

Level: Advanced

Theme: Warehousing and Distribution

Prerequisite: LOG2010 Warehouse & Distribute 2

Module Description: Students develop an understanding and competencies relating to stock movement and placement procedures, product tracking and the use of automated warehouse systems. Students also develop competencies in labelling, containerizing and palletizing items.

Module Parameters: Access to one or more logistics operations.

Curriculum and Assessment Standards

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • demonstrate an understanding of: <ul style="list-style-type: none"> – stock movement and placement procedures and practices – product tracking – equipment operations standards – automated warehouse systems • demonstrate competencies in: <ul style="list-style-type: none"> – labelling – containerization – palletizing 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> • identifying and explaining: <ul style="list-style-type: none"> – stock movement and placement – product tracking services, procedures and technology – internal and external warehouse equipment operations standards – advantages and disadvantages of automated systems • competency in handling/operating: <ul style="list-style-type: none"> – labelling equipment – containers – pallets. <p><i>Assessment Tool</i> <i>LOG3010: Warehouse & Distribute 3 Competency Profile and Assessment Checklist</i></p> <p><i>Standard</i> <i>A minimum performance rating of 3 for each applicable area of assessment</i></p>	<p>40</p> <p>20</p> <p>20</p> <p>20</p>

MODULE LOG3010: WAREHOUSE & DISTRIBUTE 3 (continued)

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> demonstrate basic competencies. 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> observations of individual effort and interpersonal interaction during the learning process. <p><i>Assessment Tool</i> <i>Basic Competencies Reference Guide and any assessment tools noted above</i></p>	<p>Integrated throughout</p>

Concept	Specific Learner Expectations	Notes
<p>Stock Movement and Placement</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> identify and describe stock movement and placement procedures and practices identify and correct errors in documentation regularly review stocks and flow anticipate product movement issues, develop contingency plans and implement solutions (where appropriate) demonstrate safe product movement and placement procedures and practices. 	
<p>Product Tracking</p>	<ul style="list-style-type: none"> identify and describe product tracking services identify and describe various tracking procedures demonstrate ability to use tracking technology; e.g.: <ul style="list-style-type: none"> bar codes/reader/scanner microfiche CD ROM monitors visual readers locator systems. 	
<p>Equipment Operations Standards</p>	<ul style="list-style-type: none"> identify and describe warehouse equipment operations standards; e.g.: <ul style="list-style-type: none"> internal standards (department, company) external standards (governmental, national). 	

MODULE LOG3010: WAREHOUSE & DISTRIBUTE 3 (continued)

Concept	Specific Learner Expectations	Notes
Automated Warehouse Systems	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • explain the advantages and disadvantages of using automated warehouse systems • demonstrate ability to safely use automated systems; e.g.: <ul style="list-style-type: none"> – conveyor systems – pickers – scaling/weighing devices – storage and retrieval systems. 	
Labelling	<ul style="list-style-type: none"> • identify product and/or shipment labelling needs • demonstrate ability to read, interpret, select and affix appropriate labels; e.g.: <ul style="list-style-type: none"> – shipping instructions – content identification – WHMIS needs – quantity, mass – handling instructions; e.g.: <i>fragile, This side up.</i> 	
Containers	<ul style="list-style-type: none"> • explain purpose of containerization • demonstrate ability to safely operate wrapping equipment and materials; e.g.: <ul style="list-style-type: none"> – shrink wrap – nets – nylons • demonstrate ability to prepare containers for shipment; e.g.: <ul style="list-style-type: none"> – label – wrap. 	
Pallets	<ul style="list-style-type: none"> • explain purpose of palletizing items; e.g.: <ul style="list-style-type: none"> – warehouse storage – ease of handling (manual, automated) – outgoing and incoming shipments. 	

MODULE LOG3010: WAREHOUSE & DISTRIBUTE 3 (continued)

Concept	Specific Learner Expectations	Notes
Career Opportunities	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • identify and describe requirements for entry into a warehousing and distribution career as a: <ul style="list-style-type: none"> – loss prevention manager – systems engineer – packaging supervisor – distribution centre manager – warehouse foreman – warehouse officer – warehouse manager – any other warehousing and distribution position. 	<p>Include in discussions of requirements:</p> <ul style="list-style-type: none"> • physical fitness • academic • willingness to learn • teamwork • numeracy • communication requirements/abilities.