

Specification of Competency Standards for the Logistics Industry

Unit of Competency

1. Title	Formulate strategies for the application of electronic cargo identification technologies
2. Code	LOCUEL502A
3. Range	This unit of competency is applicable to logistics service providers. Practitioners should be capable of formulating suitable strategies for the application of electronic cargo identification technologies.
4. Level	5
5. Credit	6 (for reference only)
6. Competency	<p style="text-align: center;"><u>Performance Requirements:</u></p> <p>6.1 Knowledge relevant to electronic cargo identification technologies</p> <ul style="list-style-type: none"> • Understand popular electronic cargo identification technologies in the logistics industry, including: <ul style="list-style-type: none"> ○ Electronic product code ○ Radio frequency identification device (RFID) ○ Bar code identification ○ Complementary equipment required by different identification technologies or standards (e.g. different frequency identification labels only work with respective readers) • Understand the advantages and disadvantages of different electronic cargo identification technologies, including: <ul style="list-style-type: none"> ○ Data type and capacity stored in different labels or bar codes ○ Effective distance between the label or bar code and the reader ○ Cost effectiveness of the readers and the labels or bar codes • Understand the legal responsibilities and risks of using various types of e- logistics technologies <p>6.2 Formulate strategies for the application of electronic identification technologies</p> <ul style="list-style-type: none"> • Analyse the requirements of the company according to the flow of logistics operations and the scale and scope using electronic device in the operation • Analyse the suitability of different electronic cargo identification technologies to the company according to their advantages and disadvantages • Formulate cost effective strategies for the application of electronic identification technologies <p>6.3 Evaluate strategies for the application of electronic identification technologies</p> <ul style="list-style-type: none"> • Analyse the effectiveness of strategies for the application of different electronic cargo identification technologies • Provide recommendation to make adjustments to ensure the formulation of effective strategies
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Capable of formulating suitable and cost effective strategies for the application of electronic cargo identification technologies according to the operations and needs of the company and the advantages, disadvantages and suitability of different electronic cargo identification technologies • Capable of evaluating the efficiency and effectiveness of strategies for the application of different electronic cargo identification technologies
8. Remarks	This UoC is adapted from the Logistics UoC LOCUEL501A