

Specification of Competency Standards
for the Logistics Industry
Unit of Competency

Functional Area - Planning and Design of Logistics Solutions

Title	Design logistics solutions for air freight route network
Code	LOAFPD503B
Range	This unit of competency is applicable to airlines, freight forwarders or express and logistics companies. Practitioners should be capable to find the best air freight route network logistics solution for the enterprise according to its operation policy when designing its route network.
Level	5
Credit	9 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess the relevant knowledge of logistics solutions for air freight route network</p> <ul style="list-style-type: none"> • Understand air freight network and the concepts of hub & spoke • Understand different types and forms of flight path design concepts such as code- share flights, transshipment or connecting flights • Understand the characteristics of direct flights, transshipment or connecting flights • Understand the flight networks owned by enterprises, and the relationship between service coverage and logistics solutions • Understand the strategies adopted by enterprises in setting up logistics networks • Apply computer based analysis tools to analyse the shift of consumption market and cargo origin <p>2. Design logistics solutions for air freight route network</p> <ul style="list-style-type: none"> • Study the flight connection solutions under the scope of aviation service • Analyse the cost of various solutions, voyage and time limitation on the service, customs clearance and transit arrangement, storage and terminal service and facilities • Make use of cost effectiveness analysis to assess the feasibility of various solutions • Analyse sources of goods and customer needs, assess the reliability of route network and its capability to explore new markets, enhance efficiency and reliability, and reduce cost • Design a feasible route network to acquire the most effective air cargo handling volume • Design other feasible logistics value-added services • Compile computer based analysis reports to support the logistics solution proposed • Compile analysis report to the management as supporting your proposal of the advantages and disadvantages of analysis logistics solution
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Capable to systematically analyse enterprise's network connection and business partner's support, and design suitable logistics networks based on the resources from this aspect so as to support relevant logistics solutions or air freight express service; and • Capable to design and set up effective air freight networks, and compile related reports for enterprise's decision-making level and the advantages and disadvantages of analysis logistics solution
Remark	