

Specification of Competency Standards
for the Logistics Industry
Unit of Competency

Functional Area - Planning and Design of Logistics Solutions

Title	Plan and design regional logistics solutions (market environment)
Code	LOCUPD602B
Range	This unit of competency is applicable to logistics service providers. Practitioners should be capable of planning and designing regional logistics solutions for customers by utilising the corporate resources and network (market environment).
Level	6
Credit	9 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge of regional logistics operations</p> <ul style="list-style-type: none"> • Understand the regional operations strategies of the company • Master the company's connection with regional partners, agents and operators • Understand the capability of comparable regional competitors and their scope of services • Understand inter regional logistics modes, such as the network of air, sea, rail, river and highway transport and the costs incurred • Understand the development trend and shift of services and products of global airlines, carriers and other global subcontractors of the company against the market competition • Understand the global customers' requirement and future development trend and the end users' buying pattern and behaviour • Understand the change and development of new logistics pattern and services of the district • Understand the change of global market like import/export deviation, warehouse and distribution demand and supply, etc • Master the principles of integration in multi-modal transport, cargo handling and warehousing <p>2. Plan and design regional logistics solutions</p> <ul style="list-style-type: none"> • Design regional logistics network and routes <ul style="list-style-type: none"> ○ Analyse the data of cargo volume (in average, maximum, and seasonal terms) of customers and the routing (departure place, transshipment point and destination) ○ Analyse the nature, weight, volume and value of goods ○ Analyse the distribution and distance of customers ○ Analyse the advantages and disadvantages of using regional distribution centres ○ Analyse the feasibility of using cross-docking mode and the advantages and disadvantages ○ Analyse whether to use centralised warehouses or separate warehouses • Analyse the feasibility of providing different value-added services • Establish key performance indicators and measurement tools to ensure the effectiveness and efficiency of the logistics solution • Compile reports for elaborating the operations, key points and principles of the logistics plan • Bring about synergy through co-ordination and integration of the resources in the company network and cooperation from partners • Examine the services and capability of regional contractors/partners in different logistics stages and use the services of appropriate contractors/partners when designing logistics solutions • Co-ordinate the cargo throughput in different regions to maximise utilisation of resources according to the services and capability of regional contractors/partners

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	<ul style="list-style-type: none"> • Plan the workflow and procedures for handling and transferring goods, documents and information • Prepare implementation plans for logistics solutions • Determine review mechanism with all parties involved to ensure the compliance of the company's requirement <p>3. Review regional logistics solutions</p> <ul style="list-style-type: none"> • Critically review the effectiveness of logistics solutions after their implementation • Determine key performance indicators and tools as regular review mechanism as per company's policy and target • Determine the desirable outcomes of logistics operations • Collect data and information to evaluate the actual outcomes logistics solutions • Identify gaps between desirable and actual outcomes • Provide effective recommendations to make adjustment attain the desirable outcomes
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Capable of planning and designing cost effective solutions for regional logistics with reference to the operations policy and the needs of customers (market environment); and • Capable of compiling reports to illustrate logistics solutions to the management and to stakeholders and regular review of the implementation of logistics solution
Remark	This UoC splits from the Logistics UoC LOSAPD601A