

Specification of Competency Standards
for the Logistics Industry
Unit of Competency

Functional Area - Operations Management

Title	Survey general liquid bulk cargoes
Code	LOCUOM312B
Range	This unit of competency is applicable to all practitioners who have at least 5 years of experience in surveying. Practitioners should be capable to survey general liquid bulk cargoes.
Level	3
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the characteristics and transportation arrangement of common liquid bulk cargoes</p> <ul style="list-style-type: none"> • Understand the characteristics of common liquid cargoes, for example, crude, petroleum products, chemical materials cooking and industrial oils • Understand the transportation arrangement and special measures taken during the transportation of liquid bulk cargoes, for example, measures of handling DG and anti-pollution. <p>2. Understand freighters (tankers) specialized in transporting liquid bulk cargo and their basic operation instructions</p> <ul style="list-style-type: none"> • Understand the structure, space, size and different parts of the tankers • Understand the international standard and purpose of load lines • Understand the procedures of berthing and loading/unloading <p>3. Use common testing methods for liquid bulk cargo independently</p> <ul style="list-style-type: none"> • Master various methods of measuring the volume and weight of liquid bulk cargoes, for example, load line marks before/after loading, manuals, storage space for cargoes and flow gauge of the transmitter, etc. • Estimate the impact of temperature on the liquid volume • Determine and collect testing samples independently
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is :</p> <ul style="list-style-type: none"> • Capable to survey general bulk liquid cargoes independently
Remark	