

TLIE0008

Calculate mass, area and quantify dimensions

Table of Contents (Extract)

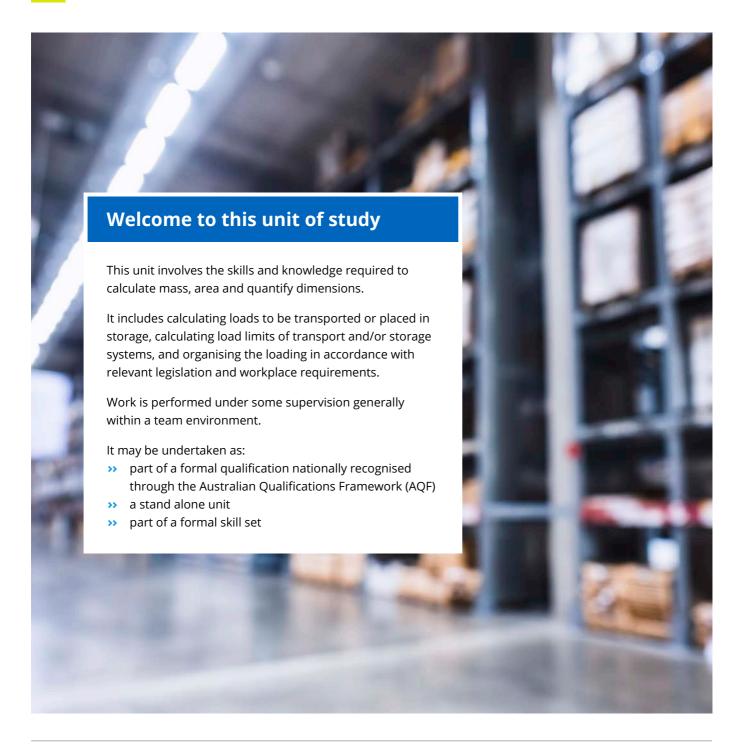
NOTE: This is a sample only. This cover page is not included in Catapult Smallprint's printed books.

This Table of Contents extract is taken from Catapult Smallprint's full hardcopy Trainer/Assessor Guide for the unit TLIE0008.

For more information, including using our enhanced online version of this unit in Catapult LMS, or to purchase the Learner or Trainer printed books, please see this unit on our website by clicking this link:

https://catapultlearning.com.au/product/TLIE0008/

Trainer/assessor guide TLIE0008 Calculate mass, area and quantify dimensions



Contents

About this trainer/assessor guide	4
Learning resource	5
Topic 1: Calculate loads for transport or storage	5
Order forms and work orders are read, and requirements are noted	5
Shape, balance characteristics, dimensions and mass of load/s are identified	7
Weights and volumes are totalled to calculate load requirements of transport or storage system	12
Check your understanding	15
Topic 2: Calculate load limits of transport and/or storage	17
Allowable load limits for storage and/or transport systems are identified in accordance with legis	lative
requirements and workplace procedures	17
Capacity of transport and storage systems in terms of mass, area and volume is calculated	19
Check your understanding	23
Topic 3: Organise loads	25
Loads are restricted to allowable range	25
Loads are spread to ensure safe weighting on pallets, trucks, platforms or other storage or trans	port
systems	28
Appropriate workplace documentation is completed	30
Check your understanding	33
Topic 4: Additional learning	35
National and international codes and regulations relevant to workplace activities	35
Relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental	
protection procedures and guidelines	37
Requirements for safely moving liquids	39
References	40
Assessment workbook	41
Unit information	43
What is competency-based assessment?	44
How will my competency be assessed?	45
Assessment agreement	46
Foundation skills checklist	47
Skills recognition	48
Topic 1: Calculate loads for transport or storage	49
Topic 2: Calculate load limits of transport and/or storage	50
Topic 3: Organise loads	51
Knowledge questions	52
Topic 1: Calculate loads for transport or storage	53
Topic 2: Calculate load limits of transport and/or storage	60
Topic 3: Organise loads	63
Topic 4: Specific knowledge evidence	67

Project	71
Practical assessment	75
Overview	75
Instructions for the learner	77
Learner agreement	78
Instructions for trainer/assessor or third party	
Third party evidence collection agreement	80
Practical demonstration	81
Completion record	97
Unit mapping	98
Trainer/assessor instructions and requirements	101



About this trainer/assessor guide

Learning resource

The learning resource is divided into the following topics:

- >> Calculate loads for transport or storage
- >> Calculate load limits of transport and/or storage
- Organise loads
- >> Additional learning

Each topic provides information to help you gain the skills and knowledge required to perform the work tasks to which they refer. Read the information and practise the skills described. You should also take the opportunity to undertake additional independent research. Your trainer/assessor may also provide supplementary information including interpretation of the contents of this resource.

At the end of each topic is:

- >> a set of true or false questions
- a set of multiple choice questions

These questions provide an opportunity to check your understanding and progress. They are self-marking and do not form part of the assessment for the unit.

Assessment workbook

To have this unit recognised as a formal qualification you need to have your skills and knowledge assessed. The assessment workbook provides:

- >> information on competency-based assessment
- >> instructions on how you will be assessed
- >> assessment tools to assess your competence
- >> instructions on how to complete the assessment tasks within each assessment tool

To be assessed as competent you need to provide evidence that you have the skills and knowledge to undertake the requirements of this unit. This assessment of competency is made by a qualified trainer/assessor from a registered training organisation. You must complete all the assessments as directed by your trainer/assessor to the required standard. It is not necessary to work through the guide in the order in which it is written. However this is at the discretion of your trainer/assessor.

Disclaimer

Information contained in this resource is drawn from sources believed to be reliable. The firm, its employees, agents and contractors do not warrant the correctness of the sources used and accept no responsibility to any person for any errors or omissions or for any loss or damage howsoever caused from the use of this resource.