

Language, Literacy and Numeracy Indicator RIIHAN305D Operate a Gantry or Overhead Crane

Student Details

Name:	
Course Title:	RIIHAN305D Operate a Gantry or Overhead Crane
Date of Assessment:	
Signature:	

RIIHAN305D Operate a Gantry or Overhead Crane

Target Core Skills

This task covers:

- Reading charts
- Interpreting signs and pictures
- Solving problematic equations

Target Audience

This is a task that is designed for industries which require use of a Gantry or Overhead Crane

Content Coverage

The stimulus material for this task is the material weight chart and pictures. The tasks require different processes including interpreting information from the chart, identifying objects, and solving mathematical equations. The candidates are required to recognise and interpret the information given.

Instructions to Assessor

This task requires the candidate to:

- listen to the assessor who will read each question
- interpret information
- complete the various activities based on the information

This task is designed to be delivered orally. However, candidates who are able to complete on their own are encouraged too.

Ensure the candidate understands the task before commencing. Provide the appropriate support for the level. Conclude the task once you feel the candidate has reached their highest level of performance.

Read the below information and give appropriate answers

Examples- Weights of Materials (approximate) Material	Size	Weight
Timber (hardwood)	1m ³	1000 – 1100kgs and may weigh 50% more wet
Timber (softwood)	1m ³	640kgs
Water	1m ³	1000kgs
Mild Steel	1m ³	7840kgs
Cement	Bag	20kgs - 50 bags to the tonne
Bricks	Pallet	1000kgs
Blue Metal	1m ³	1900kgs
Drum, empty 200ltr	13kgs	Drum, empty 200ltr
Drum	200ltr	213kgs full of liquid
Beer	50ltr + keg	64kgs
Scaffold tube	(48mm OD, 4.8mm thick)	5.2kg/m

1. How much would 1 Pallet of bricks and 2m³ of Timber (softwood) weigh in total?

2. What is a crane most commonly used for?

3. List 3 things you could use a crane to help you lift:

1. _____

2. _____

3. _____



4. If while walking to the crib room for your lunch break you came across the above, sign on a barricade would you continue to the crib room? What would you do to get to the crib room for your break?



5. What is the above a picture of?
