

Level:	5
Value for TQT:	80
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
1 Analyse project requirements in line with operational plans to ensure quantities and supplies of materials meet organisational requirements and develop a delivery schedule.	1.1 Analyse operational plans and quantities to assess what raw materials, components and prefabricated systems will be required.
	1.2 Calculate delivery and lead times for supplies of materials.
	1.3 Explain how to analyse operational plans and quantities to assess what raw materials, manufactured materials, components and prefabricated systems will be required.
	1.4 Explain methods for calculating delivery and lead times for supplies of materials and why they should be calculated.
	1.5 Give reasons why it is necessary to analyse organisational and project plans and quantities to assess what materials will be required.
	1.6 Explain the factors involved in developing a delivery schedule.
2 Ensure records of delivery schedule and traffic management are maintained through analysis of delivery and lead times.	2.1 Analyse calculations for delivery and lead times to ensure records of delivery schedules and traffic management are maintained.
	2.2 Ensure that scheduled deliveries and traffic management are maintained.
	2.3 Explain how to analyse calculations for delivery and lead times and ensure records of delivery schedule and traffic management are maintained.
	2.4 Give reasons why delivery schedules and construction logistics plans are required.

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
3 Identify and record alternatives to the supply of materials.	3.1 Identify and record alternatives to the supply of materials to improve the following: <ul style="list-style-type: none"> – economy of usage – cost – environmental impact – sustainability.
	3.2 Explain how to identify and record alternative materials in relation to: <ul style="list-style-type: none"> – economy of usage – cost – environmental impact – sustainability.
	3.3 Explain ways that opportunities for standardising supplies of materials can be identified.
	3.4 Explain how standardisation and alternative materials can assist a project.
	3.5 Give reasons why opportunities for standardisation and alternative materials should be considered.
4 Ensure orders are prepared in line with organisational and/or project requirements to meet the delivery schedule.	4.1 Identify and confirm supplies of required materials against delivery schedules.
	4.2 Carry out checks that ensure appropriate orders are prepared in line with organisational and/or project requirements.
	4.3 Explain methods of checking what materials are needed to maintain programme and project requirements.
	4.4 Describe ways that can ensure appropriate orders are prepared.
	4.5 Give reasons why checks must be made to ensure appropriate orders are prepared.

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
5 Promote goodwill and trust with suppliers and users to ensure the delivery schedule is maintained through positive negotiation.	5.1 Promote goodwill and trust with both suppliers and users to ensure the delivery schedule is maintained through positive negotiation in relation to: <ul style="list-style-type: none"> – elimination or reduction of waste – recycling and re-use – quantity – availability – lead time – life expectancy or deterioration – maintenance – storage and handling facilities – environmental considerations – ethical and sustainability considerations – health and safety considerations – logistics – damage – loss or theft – supplier service – archaeology – heritage issues
	5.2 Agree and monitor supply requirements for various projects with various suppliers.
	5.3 Explain methods and techniques of conducting negotiations and meetings with suppliers and users to ensure supply requirements are agreed.
	5.4 Explain how goodwill and trust can be maintained with suppliers and users and why goodwill and trust should be maintained.
	5.5 Explain why it is important to conduct formal and informal meetings with suppliers and users.

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
6 Implement systems, for monitoring the delivery schedule, materials and supplier performance to ensure they meet the project specification.	6.1 Implement organisational or project systems for the monitoring of the delivery schedule, materials and supplier performance to ensure they meet the project specification and keep records.
	6.2 Explain how to implement an organisational or project system, that analyses the following factors used in materials control which will inform the delivery schedules: <ul style="list-style-type: none"> – quality – quantity – payment to suppliers – approval by client, customer or their representative – programming – cost.
	6.3 Explain how organisational or project systems that can monitor the performance of suppliers against the agreed supply requirements can be implemented.
	6.4 Describe how identified improvements to delivery schedules can be recorded.
	6.5 Give reasons why it is important to analyse the performance of suppliers against the delivery schedule.
7 Analyse records of factors used in materials control.	7.1 Analyse records of the following identified factors used in materials control: <ul style="list-style-type: none"> – quality – quantity – payment to suppliers – approval by client, customer or their representative – programming.
	7.2 Explain how to analyse records of the following identified factors used in materials control.
	7.3 Explain why it is important to analyse factors in materials control.

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
8 Identify problems with supply, record them and take action to resolve them.	8.1 Analyse supply monitoring systems and delivery schedules and note identified supply problems.
	8.2 Implement appropriate methods to resolve identified supply problems.
	8.3 Explain methods that can identify problems with supply and supply requirements, how they can be recorded and what actions can be taken to resolve them.
	8.4 Explain how the delivery schedule can be modified to minimise disruption to the programme.
	8.5 Explain why it is important to identify and record problems with supply and the importance of taking action to resolve them.
9 Identify and record revisions to the delivery schedule to facilitate change or minimise disruption to the programme.	9.1 Regularly examine material supply performance against ongoing project requirements to identify changes likely to result in over or under supply.
	9.2 Modify delivery schedules to minimise disruption or facilitate change when supplies of raw materials, manufactured materials, components and prefabricated systems are not meeting programme requirements or where excess materials are being supplied.
	9.3 Explain ways that can identify changes likely to result in over or under supply.
	9.4 Explain how to modify delivery schedules that minimises disruption to the programme.

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	20
Assessment Time	10