



Australian Government

TLIL0013 Plan and deliver Just in Time (JIT) logistics

Release: 1

TLIL0013 Plan and deliver Just in Time (JIT) logistics

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

The unit involves the skills and knowledge required to plan and deliver Just in Time (JIT) logistics.

It includes planning, delivering and monitoring the JIT system.

This unit applies to experienced workers who work with JIT systems.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

L – Resource Management.

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Plan the JIT system and contingencies

1.1 Supply chain stakeholders are consulted to identify inventory demand and supply and develop delivery schedules

1.2 Appropriate communication protocols are planned and agreed between all relevant stakeholders

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| | 1.3 | Lead time for each freight item is determined to ensure on-time delivery according to customer requirements |
| | 1.4 | Delivery procedures to deliver JIT are drafted and updated in accordance with workplace procedures |
| | 1.5 | Hazards are identified, risks are assessed, including chain of responsibility, and control measures are proposed for the JIT system |
| | 1.6 | Develop a contingency plan with stakeholders to address issues arising in delivery requirements |
| | 1.7 | JIT implementation plan is developed in accordance with workplace procedures |
| 2 | Apply the JIT system | |
| | 2.1 | Delivery of freight is in accordance with delivery schedules, including in full on time in specification (IFOTIS) |
| | 2.2 | Appropriate delivery vehicle is selected according to chain of responsibility obligations, freight type and site delivery requirements |
| | 2.3 | Communication with stakeholders regarding instances when the delivery will be outside delivery specifications is maintained |
| | 2.4 | Site freight management plan is applied |
| | 2.5 | Documentation is completed accurately and provided to stakeholder upon delivery |
| 3 | Monitor the JIT system | |
| | 3.1 | Condition of delivered freight is monitored for damage or defects and reported to relevant personnel |
| | 3.2 | Delivery schedules are monitored and investigated in accordance with workplace procedures and IFOTIS |
| | 3.3 | Stakeholders are liaised with regularly and areas for improvement are identified and implemented |
| | 3.4 | Performance reports are provided to stakeholders, including IFOTIS |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of

competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This is a new unit. No equivalent unit.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIL0013 Plan and deliver Just in Time (JIT) logistics

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes:

- applying site freight management plan
- building lead times into the Just in Time (JIT) system
- completing documentation accurately and providing to stakeholders
- consulting with stakeholders and identifying inventory demand and developing delivery schedules
- developing a JIT implementation plan
- developing communication protocols between stakeholders
- developing contingency plans to address issues with delivery delays or short deliveries
- following stakeholder's delivery procedures and site requirements to deliver JIT freight
- identifying hazards, assessing risks and proposing control measures for the JIT system
- investigating late or short deliveries
- monitoring delivered freight and reporting damage or defects to stakeholders
- monitoring delivery schedules and communicating with stakeholders when delivery times fall outside delivery windows and taking corrective action
- monitoring delivery service and rectifying short deliveries
- providing in full on time and in specification (IFOTIS) delivery reports to stakeholders
- reviewing communication protocols
- selecting the appropriate delivery vehicle according to freight type and site delivery requirements according to chain of responsibility obligations and other regulatory requirements.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and include knowledge of:

- chain of responsibility obligations
- communication protocols for stakeholder
- contingencies for delivery delays or short deliveries
- delivery schedule requirements

- handling requirements for different freight types being delivered to stakeholders
- implementation of JIT plan requirements
- order fulfilment requirements, including:
 - lead time
 - IFOTIS delivery
- procedures for stakeholder worksite induction
- relevant procedures and processes relating to JIT delivery systems.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including legislation, regulations, codes of practice, workplace procedures and operation manuals.

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