<u>Specification of Competency Standards for the Logistics Industry</u> <u>Unit of Competency</u>

1. Title	Establish technical indicators for logistic machinery equipment
2. Code	LOCUOM406A
3. Range	This unit of competency is applicable to companies with logistic machinery. Practitioners should be capable to establish appropriate, effective and objective technical indicators for the company so as to manage the machinery in a more cost-effective way.
4. Level	4
5. Credit	6 (for reference only)
6. Competency	Performance Requirements
	 6.1 Knowledge of managing logistics machines Master the types and functions of logistics machines Master the concept of managing logistics machinery and its roles in logistic operation Master the characteristics of managing logistics machinery, such as the life cycle, investment return and technological development of machines Master the types of technical indicators for logistics machinery and their calculations Master the methods of collecting and analyzing relevant data of logistics machinery Understand matters related to the operation and possession of logistics machinery, such as licensing, legislations, occupational safety and health, environmental protection or trade standards

 6.2 Establish Select appropriate technical indicators for different types of logistics machines indicators for indicators, such as, failure rate, indicators for a certain type of logistic machine Analyze the validity of technical indicators The validity of using and analyzing technical indicators Test the validity and practicality of technical indicators Collect views and feedback from the staff who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery Compile reports on the efficiency of logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and Capable to compile evaluation reports on technical indicators for machinery. 		
indicators for Formulate some basic technical logistics indicators, such as, failure rate, machinery utilization period, availability rate, idling equipment rate and cost effectiveness Formulate specific technical indicators for a certain type of logistic machine Analyze the validity of technical indicators The validity of using and analyzing technical indicators • The validity of using and analyzing technical indicators • Test the validity and practicality of technical indicators • Collect views and feedback from the staff who operate the machines, including operators and supervisors • Revise the standards of technical indicators • Record the operational data of logistic machinery • Compile reports on the efficiency of logistics machinery • Compile reports on the efficiency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery.		
Iogisticsindicators, such as, failure rate, utilization period, availability rate, idling equipmentequipmentrate and cost effectiveness• Formulate specific technical indicators for a certain type of logistic machine• Analyze the validity of technical indicators• The validity of using and analyzing technical indicators• The validity of using and analyzing technical indicators• The validity of using and analyzing technical indicators• The validity and practicality of technical indicators• Collect views and feedback from the staff who operate the machines, including operators and supervisors• Revise the standards of technical indicators• Record the operational data of logistic machinery• Compile reports on the efficiency of logistics machinery7. Assessment CriteriaCriteria(i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery;(ii) Capable to collect the operational data and information of logistics machinery; and(iii) Capable to compile evaluation reports on technical indicators for machinery.		
machineryutilization period, availability rate, idling equipmentequipmentrate and cost effectiveness• Formulate specific technical indicators for a certain type of logistic machine• Analyze the validity of technical indicators• The validity of using and analyzing technical indicators• The validity of using and analyzing technical indicators• Test the validity and practicality of technical indicators• Collect views and feedback from the staff who operate the machines, including operators and supervisors• Revise the standards of technical indicators• Record the operational data of logistic machinery• Compile reports on the efficiency of logistics machinery7. Assessment CriteriaCriteria(i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery;(ii) Capable to collect the operational data and information of logistics machinery; and(iii) Capable to compile evaluation reports on technical indicators for machinery.		
equipmentrate and cost effectivenessequipmentrate and cost effectivenessFormulate specific technical indicators for a certain type of logistic machineAnalyze the validity of technical indicatorsThe validity of using and analyzing technical indicatorsTest the validity and practicality of technical indicatorsCollect views and feedback from the staff who operate the machines, including operators and supervisorsRevise the standards of technical indicatorsRevise the standards of technical indicatorsRecord the operational data of logistic machineryCompile reports on the efficiency of logistics machineryfor the integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery;(ii) Capable to collect the operational data and information of logistics machinery; and(iii) Capable to compile evaluation reports on technical indicators for machinery.		logistics indicators, such as, failure rate,
7. Assessment CriteriaThe integrated outcome requirement of this unit of competency is: Compile reports on the efficiency of logistics machinery;7. Assessment CriteriaThe integrated outcome requirement of this unit of competency is: (i) Capable to collect the operational data and information of logistics machinery;7. Assessment CriteriaThe integrated outcome requirement of this unit of competency is: (ii) Capable to collect the operational data and information of logistics machinery;		machinery utilization period, availability rate, idling
 for a certain type of logistic machine Analyze the validity of technical indicators The validity of using and analyzing technical indicators Test the validity and practicality of technical indicators Collect views and feedback from the staff who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery Compile reports on the efficiency of logistics machinery Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery: (ii) Capable to collect the operational data and information of logistics machinery; and Capable to compile evaluation reports on technical indicators for machinery. 		equipment rate and cost effectiveness
 Analyze the validity of technical indicators The validity of using and analyzing technical indicators Test the validity and practicality of technical indicators Collect views and feedback from the staff who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery Compile reports on the efficiency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		 Formulate specific technical indicators
 indicators The validity of using and analyzing technical indicators Test the validity and practicality of technical indicators Collect views and feedback from the staff who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		for a certain type of logistic machine
 The validity of using and analyzing technical indicators Test the validity and practicality of technical indicators Collect views and feedback from the staff who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		 Analyze the validity of technical
technical indicatorsTest the validity and practicality of technical indicatorsCollect views and feedback from the staff who operate the machines, including operators and supervisorsRevise the standards of technical indicatorsRecord the operational data of logistic machineryCompile reports on the efficiency of logistics machineryCriteriaThe integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery;(ii) Capable to collect the operational data and information of logistics machinery; and(iii) Capable to compile evaluation reports on technical indicators for machinery.		indicators
 Test the validity and practicality of technical indicators Collect views and feedback from the staff who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery Compile reports on the efficiency of searchinery Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		 The validity of using and analyzing
 technical indicators Collect views and feedback from the staff who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		technical indicators
 Collect views and feedback from the staff who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery Compile reports on the efficiency of states according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		 Test the validity and practicality of
 who operate the machines, including operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery 7. Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		technical indicators
 operators and supervisors Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery 7. Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		 Collect views and feedback from the staff
 Revise the standards of technical indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery 7. Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		who operate the machines, including
 indicators Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery 7. Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		operators and supervisors
 Record the operational data of logistic machinery Compile reports on the efficiency of logistics machinery Assessment Criteria Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; Capable to collect the operational data and information of logistics machinery; and Capable to compile evaluation reports on technical indicators for machinery. 		 Revise the standards of technical
 machinery Compile reports on the efficiency of logistics machinery 7. Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		indicators
 machinery Compile reports on the efficiency of logistics machinery 7. Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		• Record the operational data of logistic
 Compile reports on the efficiency of logistics machinery Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		
Index Index 7. Assessment The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery.		
 7. Assessment Criteria The integrated outcome requirement of this unit of competency is: (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		
Criteria (i) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery.	7	
 (1) Formulate technical indicators according to the logistics machinery in possession and the business policy of the company so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		The integrated outcome requirement of this unit of competency is:
 so as to maximize the utilization of machinery; (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 	Criteria	(i) Formulate technical indicators according to the logistics
 (ii) Capable to collect the operational data and information of logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery. 		machinery in possession and the business policy of the company
logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery.		so as to maximize the utilization of machinery;
logistics machinery; and (iii) Capable to compile evaluation reports on technical indicators for machinery.		(ii) Capable to collect the operational data and information of
(iii) Capable to compile evaluation reports on technical indicators for machinery.		
machinery.		
8. Remarks		machinery.
	8. Remarks	