

CORE COMPETENCIES

**Course Title : HEAVY EQUIPMENT OPERATION
ROUGH-TERRAIN CRANE**

Level: NC II

Nominal Training Hours: 120 Hours

Course Description:

This course is designed to enhance knowledge, desirable attitudes and skills in the use of rough-terrain crane in accordance with industry standards. It covers core competencies such as: performing pre- and post-operation procedures, performing productive operation, and performing basic preventive-maintenance servicing on a given rough-terrain crane.

To obtain this, all units prescribed for this qualification must be achieved:

Unit of Competency	Learning Outcomes	Methodology	Assessment Approach
1. Perform pre- and post-operation procedures for Rough-terrain Crane	1.1 Identify rough-terrain crane types / components parts 1.2 Perform visual check of equipment 1.3 Check BLOWAF of rough-terrain crane 1.10.1 Battery 1.3.2 Light 1.3.3 Oil 1.3.4 Water 1.3.5 Air 1.3.6 Fuel 1.4 Check rough-terrain crane system operation 1.5 Check safety devices accessories 1.6 Perform post operation check	Lecture Practical / Demonstration	<ul style="list-style-type: none">• Observation and oral questioning• Demonstration and oral questioning• Written test

Unit of Competency	Learning Outcomes	Methodology	Assessment Approach
2. Perform productive operation for Rough-terrain Crane	2.1 Perform loading and unloading of rough-terrain crane to trailer (low bed) 2.2 Perform rough-terrain crane application 2.2.1 travel 2.2.2 position the crane 2.2.3 lifting and transferring	Lecture Practical / Demonstration	<ul style="list-style-type: none"> • Observation and oral questioning • Demonstration and oral questioning • Written test
3. Perform basic maintenance servicing for Rough-terrain Crane	3.1 Perform safety practices, and housekeeping 3.2 Perform preventive maintenance and servicing	Lecture Practical / demonstration	<ul style="list-style-type: none"> • Observation and oral questioning • Demonstration and oral questioning • Written test