

## CORE COMPETENCIES

**Course Title** : **HEAVY EQUIPMENT OPERATION**  
**TRUCK-MOUNTED CRANE**

**Level:**

**Nominal Training Hours:** 120 Hours

### Course Description:

This course is designed to enhance the knowledge, desirable attitudes and skills in the use of truck-mounted crane in accordance with industry standards. It covers the core competencies of: perform pre- and post operation procedure, perform productive operation, and perform basic preventive-maintenance servicing on a given truck-mounted 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 procedure for Truck-mounted Crane	1.1 Identify truck-mounted crane types / components parts 1.2 Perform visual check of equipment 1.3 Check BLOWAF of truck-mounted crane 1.3.1 Battery 1.3.2 Light 1.3.3 Oil 1.3.4 Water 1.3.5 Air 1.3.6 Fuel 1.4 Check truck-mounted crane systems operation 1.5 Check safety devices & accessories 1.6 Perform post operation check	Lecture Practical / Demonstration	<ul style="list-style-type: none"><li>• Observation / Demonstration and interview</li><li>• Written test</li></ul>

<b>Unit of Competency</b>	<b>Learning Outcomes</b>	<b>Methodology</b>	<b>Assessment Approach</b>
2. Perform productive operation for Truck Mounted Crane	2.1 Perform loading and unloading of truck-mounted crane to trailer (low bed) 4.2 Perform truck mounted crane application	Lecture Practical / Demonstration	<ul style="list-style-type: none"> <li>• Observation / Demonstration and interview</li> <li>• Written test</li> </ul>
3. Perform basic preventive maintenance servicing for Truck Mounted Crane	4.1 Perform safety practices, and housekeeping 4.2 Perform preventive maintenance and servicing	Lecture Practical / Demonstration	<ul style="list-style-type: none"> <li>• Observation / Demonstration and interview</li> <li>• Written test</li> </ul>