



Title	NOCN International Level 2 Award in Mobile Crane Safe Operating Techniques		
Topic Summary	<p>The Mobile Crane Safe Operating Techniques course is to provide participants with the knowledge, skills, and competencies required to safely and effectively operate mobile cranes in various work environments. Specifically, the aim of such a course typically encompasses several key objectives.</p> <p>Topics covered:</p> <ol style="list-style-type: none"> 1. Regulating mobile crane operations. 2. Types of mobile cranes 3. Fundamental principles of mobile crane operations 4. Mobile crane pre-operational checks and inspections. 5. Proficiency in safe operating a mobile crane. 6. Mobile crane safe lifting practices. 7. Risks associated with mobile crane operation. 8. Effective communication during mobile crane operation. 9. Develop an emergency response procedure for mobile crane operations. 10. Maintenance and inspection of mobile cranes. 		
Target Audience	<ul style="list-style-type: none"> ▪ Crane operators, Riggers and Supervisors 	Length of Study	12 hours

Unit(s) Learning Outcomes		
	<p>Learning Outcome - 1:</p> <ul style="list-style-type: none"> • Understanding relevant regulations related to mobile crane operations to ensure safety, consistency, and compliance with industry standards. 	<p>Assessment Criteria:</p> <ul style="list-style-type: none"> ▪ Demonstrate knowledge of relevant regulations, industry standards, and best practices for mobile crane operation. <ul style="list-style-type: none"> • ILO C155 & R164 • ILO C152, C167 & R175 • LOLER 1998 • PUWER 1998
	<p>Learning Outcome - 2:</p>	<p>Assessment Criteria:</p>

<ul style="list-style-type: none"> ✚ Understanding relevant regulations related to mobile crane operations to ensure safety, consistency, and compliance with industry standards. 	<ul style="list-style-type: none"> ▪ Identify and explain the different types of mobile cranes. ▪
<p>Learning Outcome - 3:</p> <ul style="list-style-type: none"> ✚ Understand the fundamental principles of mobile crane operation 	<p>Assessment Criteria:</p> <ul style="list-style-type: none"> ▪ Understand the fundamental principles of mobile crane operation, including: ▪ Load charts ▪ Stability, and; ▪ Center of gravity.
<p>Learning Outcome - 4:</p> <ul style="list-style-type: none"> ✚ Explain the pre-operational checks and inspections required for safe crane operation 	<p>Assessment Criteria:</p> <ul style="list-style-type: none"> ▪ Explain the pre-operational checks and inspections required for safe crane operation, including: ▪ Visual inspections ▪ Equipment testing, and; ▪ Documentation.
<p>Learning Outcome - 5:</p> <ul style="list-style-type: none"> ✚ Demonstrate proficiency in safe operating a mobile crane. 	<p>Assessment Criteria:</p> <ul style="list-style-type: none"> ▪ Demonstrate proficiency in safe operating a mobile crane. ▪ Proper setup ▪ Positioning ▪ Maneuvering techniques.
<p>Learning Outcome - 6:</p> <ul style="list-style-type: none"> ✚ Understand and apply safe lifting practices 	<p>Assessment Criteria:</p> <ul style="list-style-type: none"> ▪ Understand and apply safe lifting practices, including: ▪ Load calculations ▪ Rigging techniques ▪ Load control.
<p>Learning Outcome - 7:</p> <ul style="list-style-type: none"> ✚ Identify and mitigate potential hazards and risks associated with mobile crane operation ✚ 	<p>Assessment Criteria:</p> <ul style="list-style-type: none"> ▪ Identify and mitigate potential hazards and risks associated with mobile crane operation, such as: ▪ Overhead power lines ▪ Unstable ground conditions, and; ▪ Environmental factors.
<p>Learning Outcome - 8:</p>	<p>Assessment Criteria:</p>

	<ul style="list-style-type: none"> Understand effective communication skills for coordinating with other personnel involved in the mobile crane lifting operation, including spotters, signalpersons, and other crane operators. 	<ul style="list-style-type: none"> Develop effective communication skills for coordinating with other personnel involved in the mobile crane lifting operation, including spotters, signalpersons, and other crane operators. 	
	<p>Learning Outcome - 9:</p> <ul style="list-style-type: none"> Develop an emergency response procedure for mobile crane operations. 	<p>Assessment Criteria:</p> <ul style="list-style-type: none"> Demonstrate knowledge of emergency procedures and protocols, including: <ul style="list-style-type: none"> Response to equipment failures Accidents, and; Personnel injuries. 	
	<p>Learning Outcome - 10:</p> <ul style="list-style-type: none"> Understand the importance of ongoing maintenance and inspection of mobile cranes and the associated equipment to ensure safe and reliable operation. 	<p>Assessment Criteria:</p> <ul style="list-style-type: none"> Understanding why regular maintenance and inspections are crucial for identifying and addressing potential issues before they lead to accidents or equipment failures. By following the manufacturer's guidelines, regulatory requirements, and best practices, you can help ensure the safe and reliable operation of mobile cranes. 	
<p>Delivery Style</p>	<p>Classroom Learning</p>	<p>Certificate Validity</p>	<p>2 years</p>