



# ATM-RISK ASSESSMENT

<b>TASK:</b>	Mobile Crane Operation	<b>RA No:</b>	ATMRA2020/025				
<b>EQUIPMENT / MATERIALS USED</b>	Mobile Crane						
<b>PERSONS AT RISK:</b>	<b>OPERATIVE, PERSONS IN THE VICINITY, OTHER EMPLOYEES, CONTRACTORS, VISITORS, MEMBERS OF THE PUBLIC</b> (All operatives or teams of operatives are to ensure that the daily on-site risk assessment is completed prior to commencing any work on site.)						
HAZARD / RISK	RISK LEVEL			CONTROL MEASURES	RESIDUAL RISK		
	S	L	RL		S	L	RL
Stability on sloping ground Falling over Serious injury, fatality	5	3	<b>15</b>	Cranes should be sited on hard ground.  Measures will be taken to ensure the stability of the crane when working on soft ground, for example using boards/plates in order to aid weight distribution. The use of such measures will be covered by a further risk assessment.	5	2	<b>10</b>
Collision with persons or other objects Serious injury, fatality	5	3	<b>15</b>	<b>Any lifting operation to be carried out must be planned by a competent person.</b>  All crane operators are to be over 18 years of age and competent/qualified to operate this type of equipment safely.  Controls (levers, handles, switches etc. must be clearly marked).  All personnel working with or near the crane will wear a safety helmet.  The crane must be secured and left in a safe condition at the end of each working period.  Appropriate precautions will be taken to ensure that adequate clearance is given to any overhead cables and other services.  Where possible the company will request that any overhead cables or power lines are be made dead prior to any work commencing.  Adequate clearance will be given when working next to any structure or object etc. to prevent personnel becoming trapped.	5	2	<b>10</b>

<b>ATMRA2020/025</b>	<b>Original Author:</b>	Rob Whamond	<b>Date:</b>	<b>01-06-2021</b>
	<b>Reviewed By :</b>	Dale Nelson	<b>Next Review Date:</b>	<b>01-06-2022</b>
Use the table below to calculate the severity and likelihood. (Severity X Likelihood = <b>RISK</b> )		Use the table below to indicate whether the Residual Risk Rating is:		
<b>Severity of Outcome;</b> 5 Fatality / Loss of Limb. 4 Serious Injury. 3 Moderate. 2 Minor Injuries. 1 Negligible. <b>Likelihood of Harm;</b> 5 Almost Certain , 4 Very Likely , 3 Fair Chance , 2 Remote, 1 Very Unlikely.		1 – 6 = <b>Low Risk</b>		Page <b>1</b> of <b>3</b>
		7 – 11 = <b>Medium Risk</b>		
		12+ = <b>High Risk</b>		



# ATM-RISK ASSESSMENT

HAZARD / RISK	RISK LEVEL			CONTROL MEASURES	RESIDUAL RISK		
	S	L	RL		S	L	RL
Falling Objects/Materials Serious injury, fatality	5	3	15	<p>All items of lifting gear - slings, shackles, eyebolts etc.. Must be in good working order with test certificates provided and each item thoroughly examined by a competent person within the last 6 months with entries made in the register.</p> <p>Only trained and authorised persons will carry out slinging operations and give relevant signals to the driver.</p> <p>Information about the weight of loads to be lifted must be obtained before work begins.</p> <p>Loads will not be left suspended while the crane is unattended.</p> <p>Loads will not be carried over personnel or public areas unless such areas are protected by suitable precautions and all loose material will be fully secured or covered during lifting operations.</p> <p>Safety measures will be taken when persons are carrying out maintenance or inspections where a the risk of a fall from height exists.</p> <p>Slings must be securely attached and take into account the angle of the legs, the centre of gravity, the weight of the load and the attachment method.</p>	5	2	10
Mechanical Failure, collapse Serious injury, fatality	5	3	15	<p>All lifting equipment will be subject to a thorough test and inspection in accordance with the requirements of LOLER 98 and will be available on site.</p> <p>The crane will be maintained and inspected regularly and any defects reported immediately.</p> <p>The crane must not be overloaded by incorrect use or by failing to estimate the load correctly.</p> <p>Ensure that a rated capacity indicator is fitted and is in good working order</p> <p>The crane must be marked with the safe working load permitted and, if relevant, be fitted with an automatic safe load indicator.</p> <p>The crane will only be erected and dismantled by trained persons under the supervision of a competent person.</p> <p>If the crane collapses or overturns on site, or any part fails, this must be reported immediately reported to ATM's Office.</p>	5	2	10

<b>ATMRA2020/025</b>	<b>Original Author:</b>	Rob Whamond	<b>Date:</b>	<b>01-06-2021</b>
	<b>Reviewed By :</b>	Dale Nelson	<b>Next Review Date:</b>	<b>01-06-2022</b>
Use the table below to calculate the severity and likelihood. (Severity X Likelihood = <b>RISK</b> )		Use the table below to indicate whether the Residual Risk Rating is:		
<b>Severity of Outcome;</b> 5 Fatality / Loss of Limb. 4 Serious Injury. 3 Moderate. 2 Minor Injuries. 1 Negligible. <b>Likelihood of Harm;</b> 5 Almost Certain , 4 Very Likely , 3 Fair Chance , 2 Remote, 1 Very Unlikely.		1 – 6 = <b>Low Risk</b>		Page 2 of 3
		7 – 11 = <b>Medium Risk</b>		
		12+ = <b>High Risk</b>		



# ATM-RISK ASSESSMENT

HAZARD / RISK	RISK LEVEL			CONTROL MEASURES	RESIDUAL RISK		
	S	L	RL		S	L	RL
Risk of Fire during re-fuelling operations  Burns, serious injury, fatality	5	3	<b>15</b>	See <b>ATMRA2020/89</b> Re-fuelling of equipment.	5	1	<b>5</b>
Overhead Services  Fire, explosion, burns, electric shock, serious injury, fatality	5	2	<b>10</b>	Supervising operatives are to check for any overhead services that may affect their ability to carry out the job safely, prior to their work commencing. Refer to <b>ATMRA2020/027</b> Working Near Overhead Power Lines for control measures  All operations near overhead powerlines shall be conducted in accordance with Avoiding danger from overhead power lines (GS6).	5	1	<b>5</b>

<b>ATMRA2020/025</b>	<b>Original Author:</b>	Rob Whamond	<b>Date:</b>	<b>01-06-2021</b>
	<b>Reviewed By :</b>	Dale Nelson	<b>Next Review Date:</b>	<b>01-06-2022</b>
Use the table below to calculate the severity and likelihood. (Severity X Likelihood = <b>RISK</b> )		Use the table below to indicate whether the Residual Risk Rating is:		
<b>Severity of Outcome:</b> 5 Fatality / Loss of Limb. 4 Serious Injury. 3 Moderate. 2 Minor Injuries. 1 Negligible.		1 – 6 = <b>Low Risk</b>		Page <b>3</b> of <b>3</b>
<b>Likelihood of Harm:</b> 5 Almost Certain , 4 Very Likely , 3 Fair Chance , 2 Remote, 1 Very Unlikely.		7 – 11 = <b>Medium Risk</b>		
		12+ = <b>High Risk</b>		