

**MOBILE CRANE LIFT CLASSIFICATION CRITERIA**

Parameter	Critical	Serious	Standard
<b>Weight</b>	Load is > 50 tons or the lifting device is operating above 80% of its rated capacity	The load is between 30–50 tons, not lifting over or near live equipment and the lifting device is operating at 80% or less of its rated capacity	The load is < 30 tons, not lifting over or near live equipment and the lifting device is operating at 80% or less of its rated capacity
<b>Height</b>	Lift height above 300 ft.	Lift height between 200 and 300 ft.	Lift height is < 200 ft.
<b>Multiple Crane</b>	Two lifting devices are required for the lift (includes tailing crane) and the lift is > 50% of the rated capacity for either crane at some point during the lift	Two lifting devices are required for the lift (includes tailing crane) and the lift is 50% or less than the rated capacity for either crane at any point during the lift	Single crane lift
<b>Lifts over Live Equipment</b>	The load is > 5,000 lbs. the lifting device is operating at > 50% of its rated capacity and lifting over or near live equipment	<ul style="list-style-type: none"> <li>The load is &lt; 5,000 lbs., the lifting device is operating between 50% and 80% of its rated capacity and lifting over or near live equipment</li> <li>The load is &gt; 5,000 lbs., the lifting device is operating at 50% or less of its rated capacity and lifting over or near equipment</li> </ul>	The load is < 5,000 lbs., the lifting device is operating at 50% or less of its rated capacity and lifting over or near live equipment
<b>Travelling with Load</b>	Lifting device will travel with a load while the lifting device is operating at > 50% of its rated capacity (on rubber or tracks), and lifting over live equipment	Lifting device will travel with a load while the lifting device is operating at 50% or less of its rated capacity (on rubber or tracks), and lifting over live equipment	Lifting device will travel with a load while the lifting device is operating at 80% or less of its rated capacity (on rubber or tracks), and not lifting over live equipment
<b>Personnel Lift</b>	Required for all personnel lifts		
<b>Integrity of Ground / Subsurface Interference</b>	Any lift where the lifting device is set up over any underground installations needing <b>special treatment</b> or where the integrity of the ground (soil/cement/stone) is questionable, requiring significant soil investigation and site remediation work to protect underground services/systems		

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<b>Complicated Rigging</b>		Lift/load has unusual characteristics that increase the risk of performing the lift: i.e. rigging is very complex; load geometry makes wind loading a concern; extremely tight tolerances between load and adjacent equipment, etc.	
<b>Lifts Near High Voltage Lines</b>	A portion of the lifting device, load or rigging has the potential of being within 3 metres of high voltage lines or conductors > 750 volts	A portion of the lifting device, load or rigging is between 3–6 metres from high voltage lines or conductors > 750 volts	No portion of the lifting device, load or rigging is within 6 metres of high voltage lines or conductors > 750 volts
<b>Lift Visibility</b>		Lifting device operator cannot see the load, and multiple safety watches are required to monitor load/ball location during the lift (e.g. lifting into reactors or other very confined spaces)	
<b>Cold Weather</b>	In cold weather operation between -15°C and -30°C, cranes shall be de-rated as per manufacturer specifications, or by 25% if not specified	In cold weather operation between -15°C and -30°C, cranes shall be de-rated as per manufacturer specifications, or by 25% if not specified	In cold weather operation between -15°C and -30°C, cranes shall be de-rated as per manufacturer specifications, or by 25% if not specified