



# Brieser CONSTRUCTION

## JOB SAFETY ANALYSIS

COMPANY/ PROJECT NAME or ID/ LOCATION ( City, State)		DATE 4/18/15	<input checked="" type="checkbox"/> NEW <input type="checkbox"/> REVISED	PAGE 1 of 2
WORK ACTIVITY (Description): <b>MOBILE CRANES</b>				
<b>DEVELOPMENT TEAM</b>		<b>POSITION / TITLE</b>		<b>REVIEWED BY:</b>
Dave Ruzich		Safety Coordinator		
<b>MINIMUM REQUIRED PERSONAL PROTECTIVE EQUIPMENT ( SEE CRITICAL ACTIONS FOR TASK-SPECIFIC REQUIREMENTS)</b>				
<input checked="" type="checkbox"/> REFLECTIVE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES	<input type="checkbox"/> GOGGLES <input type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION <input checked="" type="checkbox"/> SAFETY SHOES	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING	<input checked="" type="checkbox"/> GLOVES Cut-resistant <input type="checkbox"/> OTHER Chaps	
<b><sup>1</sup>JOB STEPS</b>	<b><sup>2</sup>POTENTIAL HAZARDS</b>	<b><sup>3</sup>CRITICAL ACTIONS TO MITIGATE HAZARDS</b>		
<b><u>Mobilize crane onsite:</u></b> Crane will be escorted & moved into place (designated area) by the P/M (Traffic & Pick Plan).	<ul style="list-style-type: none"> <li>Risk of injury to Automotive or Pedestrian traffic.</li> </ul>	<ul style="list-style-type: none"> <li>Work area should be delineated &amp; proper signage stating Un-Authorized personnel &amp; signs posted clearing the set up area the night before.</li> <li>Use pilot cars to get crane and trucks to building.</li> <li>Follow Traffic Control Plan (TCP) when pulling the crane onsite (flaggers, cones, signage closing area down including sidewalks and roads).</li> <li>Verify TCP to ensure all areas in the plan are secure &amp; free of un-authorized personnel.</li> <li>Ensure proper PPE for all adjacent personnel.</li> <li>Mark off swing path with caution tape where live load &amp; turret will be swinging</li> </ul>		
<b><u>Inspections:</u></b> Crane Operator License Annual/ Pre-Shift Crane Inspection Rigging Equipment Inspection	<ul style="list-style-type: none"> <li>Risk of injury from equipment failure or operator error.</li> </ul>	<ul style="list-style-type: none"> <li>Inspection of Operators / Oilers certification (to ensure current).</li> <li>Inspection of Crane certs. &amp; other crane safety equipment.</li> <li>Verify the correct crane with what was submitted.</li> <li>Inspection or Rigging equipment.</li> </ul>		
<b><u>Crane set up:</u></b> Lay down outrigger pads & extend outriggers	<ul style="list-style-type: none"> <li>Risk of injury due to unstable ground</li> </ul>	<ul style="list-style-type: none"> <li>Be aware of overhead obstructions &amp; your surrounding at all times.</li> <li>Ensure all areas are maintained &amp; free of un-authorized personnel</li> <li>Ensure swing radius is accurate.</li> <li>Ensure pads are stable for outriggers</li> <li></li> </ul>		



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<p><b><u>Hoisting Material:</u></b>          Picking material, tools or equipment from rigging area to the unloading zone.          Please identify the material or equipment being lifted.          1. Structural Steel          2. Steel Siding</p>	<p>Risk of injury from falling objects</p>	<ul style="list-style-type: none"> <li>• Be aware of overhead obstructions &amp; your surrounding at all times.</li> <li>• Keep visual or audio contact with rigger (pick up &amp; landing points) at all times.</li> <li>• Once pick occurs, sound air horn prior to swing.</li> <li>• All loads shall be tagged lined</li> </ul>
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<sup>1</sup> Each Job or Operation consists of a set of steps. Be sure to list all the steps in the sequence that they are performed. Specify the equipment or other details to set the basis for the associated hazards in Column 2

<sup>2</sup> A hazard is a potential danger. What can go wrong? How can someone get hurt? Consider, but do not limit, the analysis to: **Contact** - victim is struck by or strikes an object; **Caught** - victim is caught on, caught in or caught between objects; **Fall** - victim falls to ground or lower level (includes slips and trips); **Exertion** - excessive strain or stress / ergonomics / lifting techniques; **Exposure** - inhalation/skin hazards. Specify the hazards and do not limit the description to a single word such as "Caught"

<sup>3</sup> Aligning with the first two columns, describe what actions or procedures are necessary to eliminate or minimize the hazards. Be clear, concise and specific. Use objective, observable and quantified terms. Avoid subjective general statements such as, "be careful" or "use as appropriate".