



	<b>LOCK OUT TAG OUT TRY OUT PROCEDURE</b>
<b>Location: Pit</b>	<b>EQUIPMENT: 966H LOADER</b>







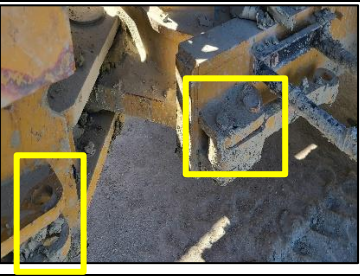


**EQUIPMENT OVERVIEW PHOTOS**






<b>PURPOSE</b>	This procedure establishes the minimum requirements for the lockout of energy isolation devices whenever maintenance or servicing is done on this machine/equipment. It shall be used to ensure that the machine or equipment is stopped, isolated from all potentially hazardous energy sources and locked out before employees perform any servicing or maintenance where the unexpected energizing or start-up of the machine or equipment or release of stored energy could cause injury.
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<b>ISOLATION STEPS</b>	<ol style="list-style-type: none"> <li>1. Notify all Affected personnel before starting this LOTOTO procedure, including Plant Operator.</li> <li>2. Shut down the machinery using normal procedures and operating controls.</li> <li>3. Use energy control devices to isolate energy sources. Dissipate or restrain stored energy.</li> <li>4. Apply lockout and tagout devices to energy control devices.</li> <li>5. Check that no personnel are exposed, then operate the push button, other normal operating controls or test to verify the equipment cannot re-energize.</li> <li>6. Return the controls to the neutral position after verifying zero energy.</li> </ol>
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SOURCE (MAGNITUDE)	ISOLATION POINT	APPLICATION METHOD / DEVICE	VISUAL REFERENCE
 <b>Electrical</b> <b>1400CCA</b>	Ignition key is located in the cab to the right of the steering wheel.	Turn ignition key to the off position. Remove key and maintain in a secured location.  <b>EQUIPMENT NEEDED:</b> <b>LOTOTO STEERING WHEEL COVER</b>	

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 <b>Hydraulic XXXpsi</b>	Vent cap on hydraulic fluid tank	With the key on use levers to move implements down. Vent hydraulic tank cap to relieve pressure in the hydraulic system.	
 <b>Hydraulic XXXpsi</b>	Brake Accumulators	After venting hydraulic system, pump brakes 20 times to relieve pressure in the accumulator for the hydraulic brakes.	Need Photo
 <b>Electrical 1400CCA</b>	Master switch located in compartment under cab platform at ladder.	Turn master switch to the off position. Remove key and apply cover plate locks and tags. <b>EQUIPMENT NEEDED: LOCKS &amp; TAGS</b>	
 <b>Kinetic / Gravity</b>	Articulation	Remove pin and swing arm to lock articulation. <b>EQUIPMENT NEEDED: PIN PULLER &amp; DEAD BLOW HAMMER</b>	
 <b>Kinetic / Gravity</b>	Bucket, Frame, Wheel hubs	Install cribbing or rated jacks under mill drum to replace bearings. <b>EQUIPMENT NEEDED: RATED JACKS OR CRIBBING</b>	

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SOURCE (MAGNITUDE)	ISOLATION POINT	APPLICATION METHOD / DEVICE	VISUAL REFERENCE	
 <b>Chemical</b>	Radiator antifreeze petcock valve is located in the engine compartment adjacent to	Place bucket below drain line and open petcock valve to drain antifreeze from the coolant system <b>EQUIPMENT NEEDED: BUCKET OR CATCH PAN</b>		
 <b>Chemical</b>	Diesel drain is located behind belly pan	Place bucket below drain and open valve to drain diesel from tank. <b>EQUIPMENT NEEDED: BUCKET OR CATCH PAN</b>	Need Photo	
<b>LOTOTO REMOVAL STEPS</b>	<ol style="list-style-type: none"> <li>1. Ensure all tools and other nonessential items have been removed and all equipment components are intact.</li> <li>2. Confirm that all employees are in a safe location.</li> <li>3. Ensure all guarding has been replaced.</li> <li>4. Verify the controls are in neutral.</li> <li>5. Remove lockout and tagout devices from energy control devices.</li> <li>6. Reenergize the machine or equipment using the normal procedures and operating controls.</li> <li>7. Notify Affected employees that servicing is complete and the machine or equipment is ready to use.</li> </ol>			
<b>DOCUMENT CONTROL</b>				
Approval:		Revision:	Effective Date:	