## Start-Up and Shut Down Procedures – Demolition Hydraulic Excavators

**Operator/Inspector_____________________**    **Date________________**    **Time__________________**  
**Serial Number________________________  Machine Hours______________________**  

<table>
<thead>
<tr>
<th>What are you inspecting?</th>
<th><img src="#" alt="Image" /></th>
<th>What are you looking for?</th>
<th><img src="#" alt="Image" /></th>
<th>Evaluator Comments</th>
<th><img src="#" alt="Image" /></th>
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</thead>
<tbody>
<tr>
<td>For more information, please refer to the Operation and Maintenance Manual or any other applicable manuals and instructions for this product. If you have questions, please contact your local Caterpillar dealer.</td>
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### STARTING THE MACHINE

- Perform walk around inspection
- Mount the machine using 3 points of contact
- Turn the battery disconnect switch to ON
- Disengage the hydraulic lockout control
- Adjust seat, fasten seat belt
- Make sure all implements are grounded
- Move the joysticks to HOLD position
- Make sure all personnel are clear of machine
- Set the throttle control to LOW IDLE
- Turn the key start switch to ON
- Perform pre-start checks on the monitor
- Turn the key start switch to START and crank engine

### MACHINE WARM-UP

- Check gauges and warning lights to ensure readings are in normal operating range
- Allow machine to warm up for 5 minutes at low idle
- Engage hydraulic lockout control
- Engage and disengage implement controls to help speed warm-up of hydraulic components
- Cycle all controls to allow warm oil to circulate through all cylinders and lines. Verify all controls are functioning properly
- Continue to monitor gauges and warning lights

### MOVING THE MACHINE

- Make sure area is clear
- Sound horn to warn others
- Raise lowered implements
- Make sure position of upper structure and undercarriage is known before moving machine
- Turn engine speed dial to increase RPM to desired speed
- Push travel levers or pedals forward to travel forward

### MACHINE SHUT DOWN

- Park machine on smooth, level area
- Lower all hydraulic implements
- Set the hydraulic lockout control
- Move throttle control to LOW IDLE and run 5 minutes
- Turn key start switch to OFF and remove key
- Turn battery disconnect switch to OFF
- Dismount machine using 3-point contact
- Conduct post-operation walk around inspection

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