



Start-Up and Shut Down Procedures – Material Handlers

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Operator/Inspector _____ Date _____ Time _____
Serial Number _____ Machine Hours _____

What are you inspecting?	✓ What are you looking for?	✓ Evaluator Comments
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.		

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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