Start-Up & Shutdown Procedures 385C

Inspector _____ Evaluator _____

MOUNTING AND DISMOUNTING

- Mount or dismount the machine only at locations that have steps and/or handholds. Before you mount the machine, clean and Inspect the steps and handholds. Make all necessary repairs.
- Always face the machine whenever you get on or off the machine.
- Maintain three-point contact with the steps and with the handholds. (Three-point contact can be 2 feet and 1 hand or 1 foot and 2 hands).
- DO NOT mount or dismount a moving machine. Never jump off the machine. Do not carry tools or supplies when you try to mount the machine or when you try to dismount the machine.

Was procedure step completed properly?	√	Evaluator Comments
BEFORE STARTING THE MACHINE		
Inspect the condition of the seat belt and mounting hardware Regardless of appearance, replace the seat belt after three years of use		
Adjust the seat so that full pedal travel can be achieved with the operator's back against the back of the seat		
Make sure the machine is equipped with a lighting system that is adequate for the job conditions Make sure all machine lights are working properly		
Before you start the engine and before you move the machine, make sure that no one is underneath the machine, around the machine, or on the machine		
STARTING THE MACHINE		
Turn the battery disconnect switch to ON		
Ensure that the reset button for the circuit breaker remains depressed		
Adjust seat, adjust mirrors, fasten seat belt		
Move hydraulic lockout control to the LOCKED position		
Move the joysticks to HOLD		
Ensure all personnel are clear of machine		
Sound horn		
Turn engine start switch to ON		
Observe monitoring system self-test, add fluids if necessary		
Turn engine start switch to START and crank engine		
MACHINE WARM-UP		
Allow machine to warm up (per O&MM)		
Engage and disengage joystick controls to help speed up warmup of hydraulic components		
Turn engine speed dial to medium, run engine for 5 minutes, continuously move joystick from BUCKET DUMP to HOLD		
Turn the engine speed dial to the maximum engine speed and move joystick from BUCKET DUMP to HOLD to attain relief pressure		
Cycle all controls to allow warm oil to circulate through all hydraulic cylinders and lines		
Check gauges, indicators, and action light frequently		

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Was procedure step completed properly?	√	Evaluator Comments

MOVING THE MACHINE

Make sure area is clear by sounding horn and waiting 3-5 seconds before moving machine		
Turn the engine speed dial to the operating range		
Move hydraulic lockout control to UNLOCKED position		
Raise cab before operation		
Raise boom to provide sufficient ground clearance		
Select desired travel speed		
Ensure the position of the upper structure and undercarriage is known, the drive sprockets should be at the rear of the machine		
Turn engine speed dial to desired speed		
Push both travel levers forward at the same time to travel forward		

MACHINE SHUT DOWN

Park machine on smooth, level area		
Reduce engine speed		
Release travel levers/pedals to stop the machine		
Lower all hydraulic implements		
Move hydraulic lockout control to the LOCKED position		
Run engine at low idle for 5 minutes to allow engine to cool		
Turn key start switch to OFF and remove key		
Utilize correct delayed engine shutdown procedure if equipped Note: Overriding delayed engine shutdown may reduce engine & machine system component life Use for emergency situations only		
Turn battery disconnect switch to OFF		
Do not turn off the battery disconnect switch until the "wait to disconnect" lamp has turned off. If the switch is turned off when the indicator lamp is illuminated the Diesel Exhaust Fluid (DEF) system will not purge the DEF. If the DEF does not purge, DEF could freeze and damage the pump and lines (if equipped).		
Dismount machine using 3-point contact		
Block tracks and remove disconnect switch key if parking for extended period		
Conduct post-operation walk-around inspection		

NOTES:

Inspected by: _____   Date: _____   Time: _____

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