



Start-Up & Shutdown Procedures

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 ON (if equipped)		
Adjust seat for proper height and pedal reach		
Inspect, adjust, and fasten seat belt		
Inspect, adjust mirrors		
Make sure all implements are grounded		
Engage the parking brake, verify parking brake is engaged		
Move the joysticks into HOLD		
Move transmission control lever into NEUTRAL, verify transmission is in NEUTRAL		
Check backup alarm		
Make sure all personnel are clear of machine		
Turn the key start switch to START, crank engine and release when engine starts		
Observe gauges and indicators		

MACHINE WARM-UP

Allow machine to warm-up for 5 minutes at low idle		
Engage boom lock		
Cycle all controls to circulate warm oil		
Boom down for 60 seconds, release		
Engage and disengage attachment controls		
Perform brake test per O&MM before moving machine		
Check gauges and indicators frequently		



Was procedure step completed properly?	✓	Evaluator Comments
---	---	---------------------------

MOVING THE MACHINE

Make sure area is clear of personnel and obstructions		
Raise all lowered implements		
Depress service brake pedal		
Release parking brake		
Move transmission control to desired direction and gear		
Release service brake pedal, check for proper operation		
Push down on accelerator		
Release transmission modulator pedal		
Push down on accelerator		

MACHINE SHUT DOWN

Park machine on smooth, level area		
Move transmission control lever to neutral		
Set the parking brake		
Lower and lock all hydraulic implements		
Allow engine to run at LOW IDLE for 5 minutes		
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 (if equipped)		
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 wheels if parking machine for extended period		
Conduct post-operation walk-around inspection		

NOTES:

Inspected by: _____ Date: _____ Time: _____

