

Safe Work Procedure – Grapple Skidder

PERSONAL PROTECTIVE EQUIPMENT:

- Hearing protection while operating machine
- Hi-Vis clothing and hard hat when outside machine
- Substantial appropriate footwear at all times.
- Gloves when servicing

PROCEDURES:

Please refer review the equipment manual prior to operating the equipment for safety features instructions and manufactures information for the specific machine.

- Check to ensure machine is in safe operating condition before using.
- Check all cab guarding and keep the windows clean.
- Wear seat-belts when operating machine.
- Ensure good housekeeping to prevent slipping or tripping when entering or leaving machine.
- All fire extinguishers and other items in cab must be secured in a safe location. Do not carry loose articles in the cab.
- Do not enter an active falling or bunching area. Stay a minimum of two tree lengths away. Do not skid trees past a faller or other active falling areas.
- Travel at safe speed with or without a drag
- Use caution making turns when skidding logs that may bind in the apron or contact tires.
- When entering the landing or decking area make sure all workers are in the clear and radio contact with other equipment is constant.
- Lower the blade and grapple then set the parking brake before leaving the machine.
- Follow the lock-out procedures while conducting maintenance work on the machine.
- Always enter and leave the machine in a safe manner, 3 point contact. Use the handholds for stability and beware of slipping hazards that exist, particularly in winter.

- Be mindful of stumps and blowdown because of increased potential for machine upset.
- Use caution when traveling on trails by maintaining a safe distance from the outer edge of the trail.
- Use tire chains for traction on steep ground and when slippery.
- Be aware of limbs and chunks that may catch in the chains and damage the machine.
- When traveling down steep slopes, make sure the blade does not hook on a stump or rock, causing the machine to swing sideways and upset.
- When skidding down slopes keep the grapple as low to the ground as possible.
- If you encounter unsafe skidding conditions inform your supervisor and alternate methods will be initiated.
- If at any time the machine is unstable, shut it down and request assistance.

SKIDDING ON SLOPES:

The following sets out the required considerations for operating logging equipment on steep slopes beyond the manufacturer's maximum operating stability limit or the limits in section 26.16(3). In order to be compliant with section 26.16(4):

- Do not attempt to travel across a slope that is too steep for maintaining proper balance of the machine.
- Confine your travel to straight up and down slopes when steepness is a problem. Any slope greater than 35% shall not be traveled without specific steep slope safe work procedures in place. These procedures must be reviewed

before operating on steep slopes and could include confining grapple skidding operations to skid roads on slopes greater than 35%.

- Subject to a thorough site-specific risk assessment with defined steep slope sites identified and mapped.
- Conducted in accordance with site-specific safe work practices.

LOCKOUT PROCEDURES

Please note, that these are example lockout procedures and that detailed, equipment specific lockout procedures can be found in the equipment manuals.

Grapple Skidder Lockout -Tagout (If one person working on machine) Shut down procedure: <ol style="list-style-type: none">1. Notify other affected employees.2. Apply parking brake.3. Lower grapple and blade to ground.4. Shut down engine.5. Turn off master switch.6. Put tag on master switch.7. Test to verify zero energy (electrical-hydraulic-gravity). Start-up procedure: <ol style="list-style-type: none">1. Turn on master switch and remove tag from master switch.2. Start machine.	Grapple Skidder Lockout -Tagout (If more than one person working on machine) Shut down procedure: <ol style="list-style-type: none">1. Notify other affected employees.2. Apply parking brake.3. Lower grapple and blade to ground.4. Shut down engine.5. Turn off master switch.6. Place tag on master switch.7. Test to verify zero energy (electrical-hydraulic-gravity). Start-up procedure: <ol style="list-style-type: none">1. Turn on master switch and remove tag from master switch.2. Start machine	Grapple Skidder Tagout <i>For skidder without master switch</i> Shut down procedure: <ol style="list-style-type: none">1. Notify other affected employees.2. Apply parking brake.3. Lower grapple and blade to ground.4. Shut down engine.5. Key out and in pocket.6. Put lockout tag initialed by all workers on ignition switch.7. Test to verify zero energy (electrical-hydraulic-gravity). Start-up procedure: <ol style="list-style-type: none">1. Each employee crosses off their initials on lockout tag when their work is completed.2. Start machine when all initials on tag crossed off.
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ADDITIONAL SWP NOTES

DISCLAIMER: Information contained in this document does not necessarily provide the only correct way to address machine risks. While this SWP will help operators conform to industry best practices and the intent of current Regulations and Guidelines, it may not identify all requirements or actions that will be appropriate and necessary in various situations. It does not reduce or replace users' responsibilities under applicable legislation - individual organizations (companies, employers) are responsible to ensure application of suitable processes and practices. The information provided is subject to review in light of changing government requirements and regulations. Every effort has been made to ensure the reliability of the information herein and to avoid errors and omissions.

