VEHICLE LOCKOUT PROCEDURES

MACHINE NAME AND NUMBER

| BUNCHER |

ENERGY SOURCES FOR THIS MACHINE

| ELECTRICAL | MECHANICAL | GRAVITY |
| PNEUMATIC | HYDRAULIC | THERMAL |

AUTHORIZED EMPLOYEE – LOCKOUT PROCEDURES

- Fully lower blades, grapples or lifting devices to the ground.
- Turn the ignition switch to the off position and remove key.
- If blades, grapples or lifting devices must be elevated for repairs, then chain, or block them with positive means of support to prevent injuries.
- Set brakes and chock wheels.
- Release hydraulic pressure by engaging controls.
- Disconnect battery or turn off master switch before performing repairs on electrical equipment.
- Turn off the fuel shut-off valve before performing repairs on fuel system.
- Install safety blocks for articulated steering equipment (sawheads, pinchers or skidders.)

- Release pneumatic (air) pressure by valves or bleeding the system.
- Allow thermal energy to dissipate before maintenance or repairs are performed on, or near engine, hydraulic systems, and fluids.
- Ensure all moving parts come to a complete rest before starting any repairs.

- Machine is locked out and at a Zero energy state.

ADDITIONAL SAFETY FEATURES

- CAUTION- DO NOT ALLOW ANYONE TO WALK UNDERNEATH A RAISED BLADE, GRAPPLE OR LIFTING DEVICE AS CRUSHING INJURIES CAN OCCUR.
- DISCONNECT BATTERIES BEFORE ANY WELDING.
# VEHICLE LOCKOUT PROCEDURES

## MACHINE NAME AND NUMBER

<table>
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<tr>
<th>SKIDDER</th>
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## ENERGY SOURCES FOR THIS MACHINE

<table>
<thead>
<tr>
<th>ELECTRICAL</th>
<th>MECHANICAL</th>
<th>GRAVITY</th>
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</thead>
<tbody>
<tr>
<td>PNEUMATIC</td>
<td>HYDRAULIC</td>
<td>THERMAL</td>
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</table>

## AUTHORIZED EMPLOYEE – LOCKOUT PROCEDURES

- Fully lower blades, grapples or lifting devices to the ground.
- Turn the ignition switch to the off position and remove key.
- If blades, grapples or lifting devices must be elevated for repairs, then chain, or block them with positive means of support to prevent injuries.
- Set brakes and chock wheels.
- Release hydraulic pressure by engaging controls.
- Disconnect battery or turn off master switch before performing repairs on electrical equipment.
- Turn off the fuel shut-off valve before performing repairs on fuel system.
- Install safety blocks for articulated steering equipment (sawheads, pinchers or skidders.)

- Release pneumatic (air) pressure by valves or bleeding the system.
- Allow thermal energy to dissipate before maintenance or repairs are performed on, or near engine, hydraulic systems, and fluids.
- Ensure all moving parts come to a complete rest before starting any repairs.

- Machine is locked out and at a Zero energy state.

## ADDITIONAL SAFETY FEATURES

- **CAUTION-** DO NOT ALLOW ANYONE TO WALK UNDERNEATH A RAISED BLADE, GRAPPLE OR LIFTING DEVICE AS CRUSHING INJURIES CAN OCCUR.
- DISCONNECT BATTERIES BEFORE ANY WELDING.
VEHICLE LOCKOUT PROCEDURES

MACHINE NAME AND NUMBER

<table>
<thead>
<tr>
<th>LOADER</th>
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</thead>
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ENERGY SOURCES FOR THIS MACHINE

| ELECTRICAL | MECHANICAL | GRAVITY |
| PNEUMATIC  | HYDRAULIC  | THERMAL |

AUTHORIZED EMPLOYEE – LOCKOUT PROCEDURES

- Fully lower blades, grapples or lifting devices to the ground.
- Turn the ignition switch to the off position and remove key.
- If blades, grapples or lifting devices must be elevated for repairs, then chain, or block them with positive means of support to prevent injuries.
- Set brakes and chock wheels.
- Release hydraulic pressure by engaging controls.
- Disconnect battery or turn off master switch before performing repairs on electrical equipment.
- Turn off the fuel shut-off valve before performing repairs on fuel system.
- Install safety blocks for articulated steering equipment (sawheads, pinchers or skidders.)

- Release pneumatic (air) pressure by valves or bleeding the system.
- Allow thermal energy to dissipate before maintenance or repairs are performed on, or near engine, hydraulic systems, and fluids.
- Ensure all moving parts come to a complete rest before starting any repairs.

- Machine is locked out and at a Zero energy state.

ADDITIONAL SAFETY FEATURES

- CAUTION- DO NOT ALLOW ANYONE TO WALK UNDERNEATH A RAISED BLADE, GRAPPLE OR LIFTING DEVICE AS CRUSHING INJURIES CAN OCCUR.
- DISCONNECT BATTERIES BEFORE ANY WELDING.
VEHICLE LOCKOUT PROCEDURES

MACHINE NAME AND NUMBER
In-woods Chipper

ENERGY SOURCES FOR THIS MACHINE

<table>
<thead>
<tr>
<th>ELECTRICAL</th>
<th>MECHANICAL</th>
<th>GRAVITY</th>
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<tr>
<td>PNEUMATIC</td>
<td>HYDRAULIC</td>
<td>THERMAL</td>
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AUTHORIZED EMPLOYEE – LOCKOUT PROCEDURES

1. Fully lower booms or lifting devices to the ground. If they must be elevated for repairs, chain or block the blade or lifting devices with positive means of support to prevent injuries.

- Release hydraulic pressure by engaging controls.
- Release pressure on compressed gas systems by shutting valves and bleeding the system.
- Set parking brakes and chock the wheels.
- Install safety blocks for articulated steering equipment.
- Chipper access covers or doors remain closed until the drum or disc stops completely. Allow all moving parts to come to a complete rest before performing any repairs.
- Turn the ignition switch to the “off” position and remove the key. Put it in your pocket to prevent accidental start up. Turn master disconnect to the off position.
- Turn off the fuel shut-off valve before performing repairs on fuel system.
- Allow heat to dissipate before maintenance or repairs are performed on or near engine, hydraulic systems, and fluids.
- Disconnect the battery before performing repairs on electrical systems or welding on the machine.
- At this point the machine is locked out and at a Zero energy state.

ADDITIONAL SAFETY FEATURES

- Caution- do not allow anyone to walk underneath a raised blade, grapple or lifting device as crushing injuries can occur.
- Infeed and discharge ports are guarded to prevent contact with the disc, knives, or blower blades.
- Detached trailer chippers are chocked when used on any slope where rolling or sliding of the chipper is reasonably foreseeable.