

LOCATION OF WORK	WRITTEN BY:	APPROVED BY:	DATE	LAST REVISION
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HAZARDS PRESENT	PERSONAL PROTECTIVE EQUIPMENT (PPE)	ADDITIONAL REQUIREMENTS
<ul style="list-style-type: none"> ✓ Burns ✓ Fuel Fire ✓ Muscle strains & back injuries ✓ Flying objects ✓ Toxic exhaust fumes 	<ul style="list-style-type: none"> ✓ Safety glasses ✓ Protective footwear ✓ Protective gloves ✓ Long pants ✓ Long sleeves ✓ Hearing protection ✓ High vis. vest 	<ul style="list-style-type: none"> ✓ Blower orientation ✓ Tie back long hair

SAFE WORK PROCEDURE

CHECK THE GENERAL CONDITION OF THE BLOWER:

1. Check the blower for signs of gas leaks. Notify your supervisor if leaks are found.
2. Look for signs of damage.
3. Check the throttle trigger, it must move freely and always spring back to the idle position when released.
4. Check that the spark plug boot is securely mounted on the spark plug – a loose boot may cause arcing that could ignite combustible fumes and cause a fire.
5. Check the setting lever / switch – it must move easily to STOP or O.
6. Clean the air filter by removing loose dirt from around the filter. Install a new filter if required.
7. Check the condition of the fan wheel and fan housing. Look for cracks, nicks and chips. Notify your supervisor if the fan housing is damaged.
8. Check the fuel level and fill if necessary. The blower uses an oil – gasoline mixture for fuel. Before fueling, clean the filler cap and area around it to ensure that no dirt falls into the tank. Shake the oil-fuel mixture before pouring.

ASSEMBLING THE BLOWER:

1. Line up the arrows on the flower tube with the housing stub. Push the tube into the fan housing stub.
2. Push the union nut over the fan housing stub and turn in the direction of the arrow until the tab engages the opening.
3. Push the nozzle onto the blower tube as far as the lug position and rotate it in the direction of the arrow to lock in position.
4. To remove the blower tube, insert a suitable tool through the opening in the union nut to press down the tab
5. Rotate the union nut in the direction of the arrow as far as the stop.
6. Remove the blower tube.

ASSEMBLING THE VACUUM SHREDDER:

1. To mount the elbow into the catcher bag, push the elbow into the catcher bag as far as the mark (smaller arrow).
2. Tighten the strap on the neck of the catcher bag and press down the tab.
3. Close the zipper on the catcher bag.
4. To mount the bag and elbow to the housing, line up the arrows on the elbow with the arrows on the housing.
5. Push the elbow into the fan housing stub as far as the stop.
6. Push the union nut over the fan housing stub and turn it in the direction of the arrow until the tab engages the opening in the union nut.
7. Attach the suction tube by lining up the arrows on the suction tube with the arrows on the extension tube. Push together and lock in position.
8. Mount the suction tube onto the housing by inserting a screwdriver into the tap on the intake screen. Swing the screen to the right to disengage and open the intake screen.
9. Push the suction tube into the fan housing and line up the arrows. Push it in as far as the stop.
10. Push the union nut over the fan housing stub and turn it in the direction of the arrow until the tab engages the opening in the union nut.
11. Continue turning the union nut in the direction of the arrow and tighten it down firmly.
12. To remove the elbow or the suction tube, insert a suitable tool through the opening in the union nut to press down the tab. Rotate the union nut in the direction of the arrow as far as the stop.
13. Remove the elbow or suction tube. After removing the suction tube close the intake screen and lock it into position.

STARTING THE ENGINE:

1. Press the fuel pump bulb at least five times – even if the bulb is filled with fuel
2. To start, move the setting lever to the run position (setting lever selects and holds any throttle position between idle and full throttle).
3. If the engine is cold set the choke knob to the “o” position (3rd position). If the engine is warm set the choke knob to the “o” position (2nd position).
4. Place the unit on the ground. Hold the unit firmly with your right hand on the housing and press down.
5. Hold the starter grip with your left hand and pull the starter grip steadily until you feel it engage and then give it a brisk strong pull. Continue until the engine starts.
6. As soon as the engine starts, give the throttle trigger a quick squeeze. This will cause the choke knob to move to the run position “I” and the engine will return to idle speed.

Note: if the engine power at high setting is not satisfactory adjust the carburetor by turning the high speed screw (H) counterclockwise (no more than $\frac{3}{4}$ of a turn) as far as stop. Turn the low speed screw (L) carefully counterclockwise as far as stop and then open it 1 full turn.

STOPPING THE ENGINE:

1. Move the stop switch to “O”.
2. The engine will stop and the stop switch will spring back to the on position.

OPERATING THE BLOWER :

- The blower is designed for one-handed operation. It must be carried by the control handle in the right hand.
- The vacuum shredder is designed for two-handed operation. Hold and operate the unit with your right hand on the control handle and your left hand on the assist handle.
- Wear the catcher bag shoulder strap over your left shoulder, not across your chest. This enables you to quickly remove the power tool and catcher bag in an emergency.
- If conditions are very dusty, dampen the surfaces before starting work. Pull out the nozzle to full length so that the airstream is at ground level to minimize dust. If dust levels are too high ask your supervisor for a dust mask.
- To reduce the risk of injury from thrown objects, do not allow other persons within 5 meters of your own position
- The blower produces toxic exhaust fumes as soon as the engine is running. Never run the engine indoors or in poorly ventilated locations

REGULATORY & OTHER REQUIREMENTS

- WS&H Act W210, Section 4, 5, 7, 7.1
- Mb. Workplace Safety & Health Regulations 217/2006, Part 16, Sections 16.1 – 16.18
- 2.1 Safe Work Procedures
- 6.1 Personal Protective Equipment
- 8.0 Musculoskeletal Injuries
- 35.0 WHMIS
- 36.0 Chemical Biological Substances
- Safe Work Tip – Out Door Heat Stress