

EQUIPMENT SAFETY

PLEASE TAKE TIME TO
READ THIS
BEFORE OPERATING EQUIPMENT.

A. GENERAL

1. USE COMMON SENSE! Most accidents can be avoided by using common sense and concentrating on the job to be done.
2. Do not wear loose clothing that can become entangled in operating machinery.
3. Do not operate equipment without guards in place. (If OSHA guards are misplaced or damaged, contact factory for replacements.)
4. Secure the equipment after it is in its operating position, so it does not tip over, roll, slide, or fall.
5. Read the maintenance and operating instruction manual supplied with the equipment.
6. Keep hands and feet clear of moving parts. DO NOT stick hands or fingers in the equipment when operating.
7. EQUIPMENT TOWED BEHIND VEHICLE
 - a. Make sure hitch is properly attached.
 - b. Always attach safety chains.
 - c. Check tires for correct pressure and road worthiness. If towing on the highway, make sure the trailer meets Department of Transportation requirements.
8. Make sure lifting device's fasteners are tight each time before lifting.

B. ELECTRIC POWER EQUIPMENT

1. WET HANDS - Never handle energized power cords with wet hands.
2. WATER - Never let extension cords or the plug connection lay in water. Locate the equipment such that it cannot fall into water.
3. EQUIPMENT - Never use cords with frayed, cut or brittle insulation. Check the cord on the motor for nicks in the insulation and for sound connections to the ground fault interrupter plug and motor.

4. QUALIFIED ELECTRICIAN - Any wiring to be done on motors, generators, or welders should be done by a qualified electrician.
5. LIFTING THE EQUIPMENT - Never use the cord to aid in lifting the equipment.
6. EQUIPMENT MAINTENANCE AND REPAIR
 - a. Be sure the equipment is disconnected from the power or the appropriate circuits are dead and locked out before doing any maintenance or repair work on the equipment.
 - b. Always replace safety devices removed during service or repair before operating.
7. SIZING EXTENSION CORDS - Use the following chart to select the correct size extension cord to prevent excessive amperage draw or voltage drop which would cause the motor to overheat:

AMPS	WIRE GAUGE AND CORD LENGTH		
	50ft.	100ft.	150ft.
6	16	16	14
8	16	14	12
10	16	14	12
12	14	14	12
14	14	12	10
16	12	12	10

C. GAS/DIESEL ENGINE POWER EQUIPMENT

1. EXHAUST GASES
 - a. Never operate in an enclosed building or area where exhaust gases can accumulate.
 - b. Do not breathe exhaust fumes when working in the area of the engine. (Exhaust gases are odorless and deadly poison.)
 - c. Never operate near a building where exhaust gases can seep inside, for example: through an open window or a door.
 - d. Never operate in a pit or sump without making provisions for exhausting the gases.
2. EXHAUST SYSTEM
 - a. Keep the exhaust system components tight and in good working condition.
 - b. Exhaust system parts get very hot and stay hot for some time after shutting the engine off - DO NOT TOUCH.

3. FUEL

- a. Never add fuel to the tank while the engine is running. Stop engine and allow it to cool. AVOID SPILLING FUEL.
- b. Make sure fuel lines and fittings are tight and in good working condition.
- c. Do not smoke while refueling the engine.
- d. Do not refuel near open flame; wipe up spilled fuel.
- e. Store gasoline in approved container and location.

4. MAINTENANCE AND REPAIR

- a. Disconnect spark plug wire while performing maintenance of repair on the equipment or engine.
- b. Always replace safety devices removed during service or repair before operating.

5. 12-VOLT ELECTRICAL SYSTEM

- a. Connect negative battery lead to ground to prevent damage to charging system.
- b. To prevent arcing, when removing battery, disconnect negative lead first. When replacing battery, connect negative lead last.
- c. Do not spill battery acid. If spilled, rinse off immediately with water.

6. DIESEL - Follow engine manufacturer instructions explicitly on hand cranking.

7. Do not operate near flammable substances.