

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.	IRRTREN
Plant ID:	
Plant Name:	
Potential Noise Level in Db:	85 to less than 95
Required hearing protection class:	2
Operator Competency:	Plant Licence Not Required



Protective
equipment
must be worn
when operating
this machine



RISK ASSESSMENT INFORMATION

Potential Hazard(s)

Injury or ill health due to exposure to exhaust or fuel fumes

Risk Level	Medium
Control Measures	Do not operate in confined space. Use in well ventilated area, preferably with fume extraction ventilation. Avoid breathing or coming into contact with fuel.

Accident

Risk Level	Medium
Control Measures	Never operate trencher on a slope that exceeds 15 degrees.

Explosion or fire from fuel vapours

Risk Level	Medium
Control Measures	Stop engine before refuelling. Do not refuel while hot. Avoid spillage of fuel when refuelling. Ensure the fuel cap is properly secured after refuelling. Carry out visual checks for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while operating, servicing or refuelling this machine.

Exposure to ultraviolet radiation if working outdoors

Risk Level	Medium
Control Measures	Wear sunscreen, hat, long sleeves and long pants.

Burn hazard

Risk Level	Medium/Low
Control Measures	Wear protective clothing during operation. Avoid contact with hot components. Allow engine to cool for 5 minutes before attempting any maintenance.

Hearing Damage

Risk Level Medium/Low

Control Measures Hearing protection with a rating of 20Db must be worn. Note warning label on unit.

Injury from contact with moving parts

Risk Level Low

Control Measures All moving parts are protected. Do not remove guards or covers.

KEY OPERATING INSTRUCTIONS

STARTING THE ENGINE

1. Move the furl valve lever to the ON position.
2. To start a cold engine, move the choke lever or choke rod to the CLOSED position. To restart a warm engine, leave the choke lever or choke rod in the OPEN position.
3. Move the throttle lever away from the MIN position, about 1/3 of the way toward the MAX position.
4. Turning the engine switch to the ON position.

GETTING STARTED

Start and warm up engine. Put Wheel Drive Control Lever in neutral. One wheel hub may be disengaged (freewheeling) for easier steering before driving machine to work. Squeeze the Safety Clutch Lever/Operator Presence Control and change the Wheel Direction Control to desired speed and direction. e. Adjust the wheel speed and navigate the trencher to starting position. The trencher is designed to dig toward the operator (with the Wheel Drive Control Lever in Reverse). With this in mind, position the machine to start the trench. NOTE when initially engaging the rotating chain into the ground, be aware that in hard or rocky ground the rotating trencher chain may aggressively dig in and lurch forward. For this reason, make sure that there is sufficient clearance from structures, objects or people in front of the machine.

TRENCHING PROCEDURE

Put Wheel Drive Lever in neutral. Be sure both hubs are engaged (turn hub lock handle clockwise). Have engine at full throttle (forward). Hold Digging Chain Control Lever in ON position. Squeeze safety Clutch Lever/Operator Presence Control. Slowly lower the digging boom until the desired trench depth is achieved, using the Digging Boom Control Lever. Put Wheel Drive Control Lever in reverse. Start at slow speed. Adjust the wheel speed until a workable speed is reached. Use a very slow speed for trenching and adjust for soil conditions as necessary. If objects such as rocks or roots jam in the chain, release the Safety Clutch Lever/Operator Presence Control, then reverse the chain to dislodge the debris. If necessary move the trencher forward a few inches and trench the area again.

STOPPING THE ENGINE

1. Shut off switch on the console should be used, not cut off switch on the engine.

2. Move the throttle lever to the MIN position. Some engine applications use a remote-mounted throttle control rather than the engine-mounted lever.
3. Turn the engine switch to the OFF position.
4. Turn the fuel valve lever to the OFF position.
5. Turn fuel shut off valve to the OFF position.
6. Allow machine to cool down.
7. Wash mud and dirt off trencher.
8. Remove any objects that may have wrapped around the trencher chain or assembly.

**Please refer to the User Guide and Operators Manual
for detailed Operating Instructions**

The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.