

INDIRECT WATER BATH HEATER



Processing the Future

Instructions

The following instructions are valid for all REPCo's Indirect Water Bath Heaters.

A) Installation

- Turn off any electrical power, disconnect from combustible source and purge system of any combustibles before attempting to clean, service, or repair unit.

PRE-BURNER IGNITION

- Close manual shut-off valve to main burner.
- Close manual fuel shut-off valve to pilot burner.
- Check for adequate liquid level above fire tube and temperature sensing elements. View liquid level at gauge glass, or at fill hatch opening; or by verifying flow through unit.
- Check for and stop any leaks on vessel, piping, and fuel gas instrumentation.
- Wait at least five minutes for combustibles to purge from system after shutting off fuel valves. Be sure all areas is clear of combustibles before lighting burner.
- Adjust fuel gas pressure.

BURNER IGNITION

- Have a suitable ignition torch long enough to reach pilot burner from pilot access opening. Insert ignition torch next to pilot burner.
- Stand to one side of burner. Do not stand directly in front of burner. Open pilot light fuel valve.
- Remove torch while standing at one side of burner. Verify the pilot is lit after removing torch. If pilot is not lit, repeat start-up procedure.
- Stand to one side of the burner. Open main valve slowly.
- Flame should be centred in fire tube, not to one side. Regulate burner for continuous firing when possible.

B) Preventative maintenance

Preventative maintenance is to be performed as follows:

- After start-up and with heater at operating temperature, check firebox flange bolts for tightness, inspect for any leaks in piping or fuel gas system.
- Inspect burner and pilot light periodically to ensure it is kept clean from soot or other foreign matter.
- Pull and inspect fire tube periodically. Keep free of scale and other solids accumulation.

NOTE 1: For operation and maintenance services please refer to the dedicated REPCo Water Bath Heater operating and maintenance manual.





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