

InnoPIPE

liquid removal systems

InnoPIPE separators are designed to remove fluids from anywhere liquids are present in natural gas lines.

Removing liquids like produced water, HC condensates, chemicals liquids in natural gas lines provides multiple advantages; better pipeline integrity, minimized corrosion issues and reduction in inhibitors, no black powder formation, extended pipeline life, slug reduction and control, reduced pigging requirements, better plant and pipeline operations.

The InnoPIPE separator utilizes a unique annular separation technique that is different from other separators; allowing for a less expensive, inline style separator providing **99.9%** separation efficiency - and is piggable, and can be built to any design code in the world.

ADVANTAGES

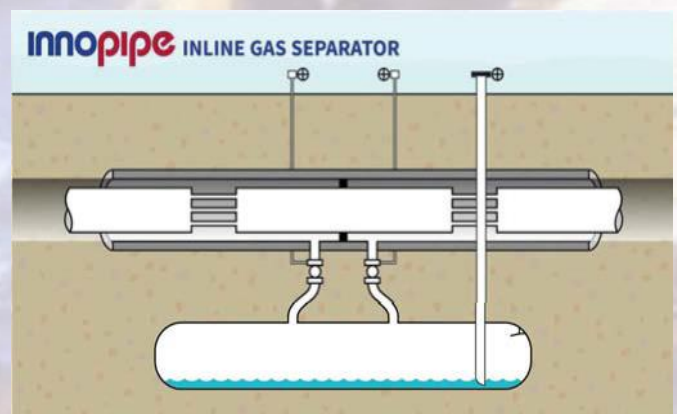
- Allows pigging through unit
- Above or below grade installations
- Pipeline sizes 1" to 60", high pressure
- Proven installations world-wide
- Low pressure drop
- Lower cost vs other separator styles
- Small footprint
- Manufactured in the Middle East
- Simple Design, easy to use

APPLICATIONS

- Compressor protection
- River crossings and low points
- Before ultrasonic flow meters
- General Pipeline liquid removal
- Slug control and management
- Cavern storage liquid removal
- Compressor lube oil removal
- Production separators
- Black powder prevention/reduction

HOW IT WORKS...

- Liquid is denser and runs along the inside of the pipe walls – gas is less dense and flows in the middle of pipe. When the liquid reaches the slots, it wants to stay to the outside and goes into the outer chamber – Once inside the outer chamber, the liquid has nowhere to go but into the collection reservoir.
- Liquid is not disturbed when it is removed so there is no mist created. The gas continues down the line with liquids removed.



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