

The function of thickened pigtail protection tube

o Function: Pigtail siphon tubes are shaped like a loop or pig's tail. They trap condensate, which acts as a barrier between the hot steam and the pressure gauge.

The pigtail siphon allows a phase change to occur before the fluid reaches the pressure gauge. Put more simply, thanks to its design, the vapor that circulates through the siphon at high pressure ...

Pigtail catheters have emerged as an effective and less morbid alternative to traditional large bore chest tubes for evacuation of pleural air or fluid. However, they do not come without complications which ...

Also known as pigtails, these siphon tubes protect dry gauges from steam and high-temperature fluids. Add water to the tube to create a protective barrier between your gauge and process media. Style ...

In systems that contain corrosive or scaling-prone media, the condensate inside the siphon tube provides a protective barrier. This liquid barrier prevents harmful substances from entering the ...

Pressure gauge siphons are used to protect the pressure gauge from the effect of hot pressure media such as steam and also to reduce the effect of rapid pressure surges. The pressure medium forms a ...

In summary, a pigtail syphon is a critical component in industrial applications where pressure gauges are exposed to high-temperature fluids. Its role in protecting pressure gauges ...

Since pigtail siphons are generally used vertically, the condensate generates what is called a liquid seal. This is a great way to protect the metering equipment from pressure spikes and ...

The primary function of a pigtail is to serve as a pressure buffer between the process and the instrument. When installed correctly, it allows condensate to collect in the coil, creating a protective fluid barrier.

For example, the core function of the outlet pigtail tube is to compensate the thermal expansion of the furnace tube and collection tube, and the high stress it will bear is inevitable.

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