

The function of the pigtail core protection tube

Many industrial processes utilize high-pressure steam for direct heating, performing mechanical work, combustion control, and as a chemical reactant. Measuring the pressure of steam ...

One essential accessory that ensures safe and accurate operation is the condensate loop, also known as a siphon tube, cooling loop, or pigtail. This simple yet crucial U-shaped or coiled pipe is installed ...

To ensure steam pressure gauges are highly reliable, it is essential to use a steam gauge pigtail, which will prevent damage to the gauge from direct exposure to high steam temperatures.

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.

Extending gauge life - By reducing thermal and pressure shocks, the pigtail increases the accuracy retention and lifespan of the pressure gauge. ? In short: A pigtail protects the gauge from high ...

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 ...

Why is a Siphon Tube Used in Pressure Gauges? ? 1. What is a Siphon Tube? A siphon tube is a coiled metallic tube installed between the process line and the pressure gauge. Its primary function ...

Choose from our selection of pigtails, including gauge siphon tubes, power cords, and more. Same and Next Day Delivery.

Condensate of the pressure medium that is collected inside the coiled portion of the syphon prevents direct contact. When first installed the syphon should be filled with water or any other suitable ...

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.



The function of the pigtail core protection tube

Web: <https://www.safireschools.co.za>

