



Inline Concentration Control



Density meter in flue-gas desulfurization (FGD)

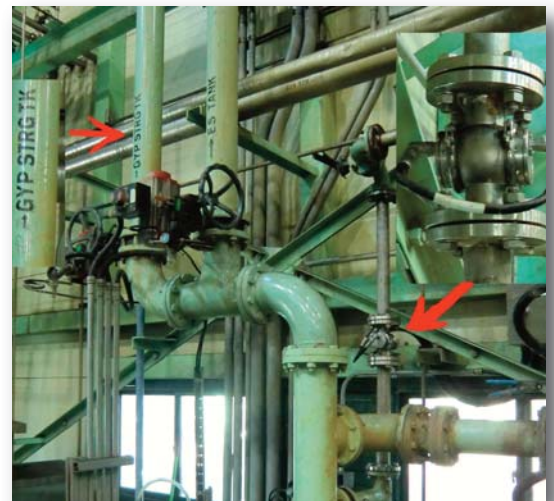
The method of measuring density with microwaves is done by detecting the water content of the fluid/ medium between the sensors and based on these measuring results concluding to its density resp. concentration.

The unique advantage of the microwave measurement system is the direct measurement in the process.

Further Advantages:

- can be used in pipeline bypass or container
- requires low maintenance
- no blockage in measuring cell
- it even works with polluted measuring surface
- high reproducibility of the measuring results
- high accuracy, comparable with the Coriolis meter
- no risk for health at radiation (as for example radiometric measurement)

The measurement is based on laboratory samples, which are used to calibrate each several product, thus you will achieve a very high accuracy.



Picture: μ -ICC-compact with Inline-Measuring-Pipe One-Channel-System for mounting near the measuring point.

It is also possible to use a four-channel-system with separate module-boxes for each measuring point.

* Absorber Process

- . Installation : T Power Plant
- . Test Period : March '07 ~ Aug '07(5month)
- . Trend

