



**ANALYZERS  
WELLHEAD  
TO MAIN**



**ABOUT US**

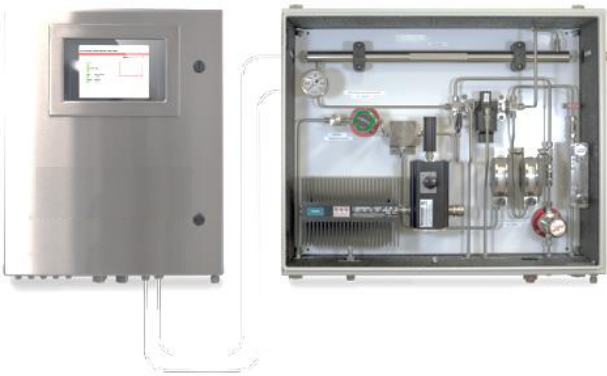
Potentia with over 25 year of experience in the Oil & Gas sector can provide you trusted solutions for monitoring natural gas composition. Flagship products include multi-component odorant monitoring, hydrogen sulfide measurement, carbon dioxide measurement, BTEX analysis, and say bolt readings.

**WELLHEAD GAS MONITORING**

**Measurement:** H<sub>2</sub>S (0-100% range)

**Purpose:** To continuously measure H<sub>2</sub>S content in raw natural gas from wellhead to the H<sub>2</sub>S removal system while handling up to 20,000 psi pressure.

**Solution:** Our Analyzer operates with no moving parts or consumables and installed on the raw gas line handling percent level H<sub>2</sub>S without overwhelming or damaging the sensor.



**SWEET GAS MONITORING**

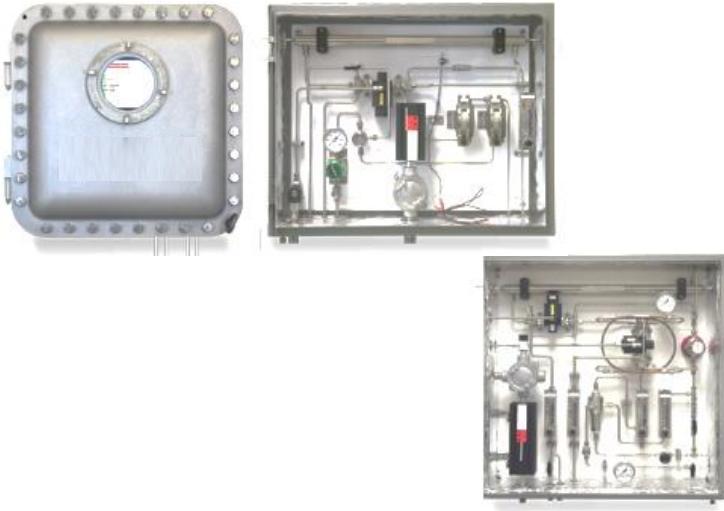
**Measurement:** 0-100 PPM H<sub>2</sub>S, 0-5% CO<sub>2</sub>

**Purpose:** Monitoring of H<sub>2</sub>S & CO<sub>2</sub> after sweetening is to detect any elevated levels after which gas can be purified more, if the off-spec gas exported, pipelines lifeline or capital investment will be affected.

**Solution:** Our analyzer provides real-time data on how this unit operation is functioning, allowing for seamless control of acid gas treatment units. This system pairs nicely with the export natural gas analyzer to ensure the quality of your product.



## SALES GAS MONITORING



**Measurement:** 0-100 ppm H<sub>2</sub>S, 0-40 ppm BTEX, 0-10 ppm Odorant

**Purpose:** To monitor H<sub>2</sub>S levels and ensure that sales gas meets support and user guidelines; to monitor BTEX levels and ensure that sales gas meets emissions regulations.

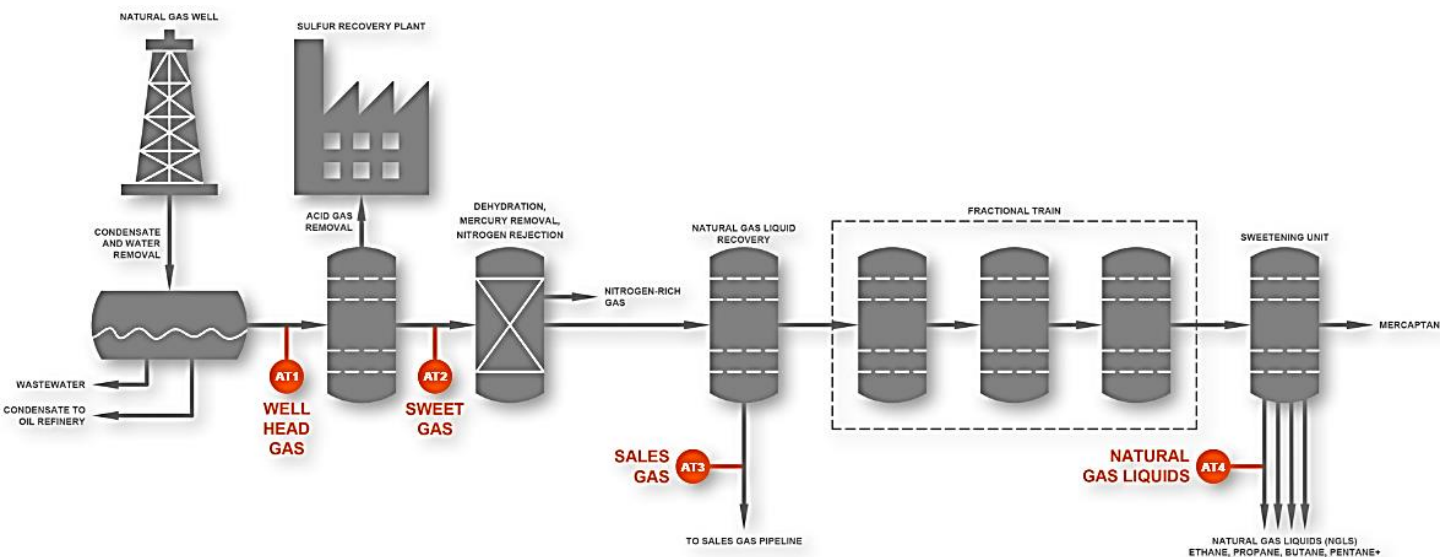
**Solution:** Potentia provide reliable H<sub>2</sub>S monitoring in distribution pipelines with configurable alarms for the problematic concentration range. The analyzer can also measure the odorant levels in gas. If the sales gas is intended to be liquefied, the BTX content of the sales gas can also be measured with the same analyzer.

## NATURAL GAS LIQUIDS MONITORING

**Measurement:** Saybolt Color -16 to +30 (per stream)

**Purpose:** To monitor saybolt color of natural gas liquids, which can indicate degradation of process equipment

**Solution:** Potentia offers, real time measurements of NGLs quality in natural gas based on their colors in comparison to the old school method of analyzing in lab then evaluating results leading to inaccurate and inefficient results. The spectrophotometer inside the analyzer obtains a full UV-Vis high-resolution absorbance spectrum at multiple wavelengths and then correlates the measured absorbance spectrum to a Saybolt number.



+92 423 5708271

inquiry@PotentiaME.com

285-Q D.H.A Phase-II Lahore-Pakistan

