

Sampling Program in Hydrocarbon Processing



Sample Integrity

Avoid human bias and contamination by collecting samples with reliable sample panels engineered specifically for each application.



Process Monitoring

Avoid Lock-out, Tag-out of poorly designed sample panels. Ensure uninterrupted monitoring of processes to proactively protect plant equipment from corrosion.



Sampling Uptime

Keep sample panels in peak performance with regular inspections and replacement of wear parts. Ensure uptime with preventative maintenance specific to your application.

Only Sentry can handle **all types** of hydrocarbon sampling



Gas



Liquid



Solid



Steam



Crude

Amines | Caustic | Desalter
Feedstock | Resid

Cracking (FCCU)

Catalysts | Heavy Oils
Light Oils | Sour Water

Hydrotreating

Amines | Condensate | Hydrogen
Naphtha | Product | Sour Water

Finish Product

Asphalt | Diesel | Gasoline
Jet Fuel | Kerosene | LPG



Desulfurization

Amines | Catalysts | Caustic
Condensate | Fuel Gas
Recovered Oil | Sour Water | Sulfur

Reforming

Aromatics | Butane | Methane
Naphtha | Propane

Alkylation & Isomerization

Acids | Butane | Condensate

Coking

Amines | Ammonia | Caustic | Coke
Condensate | Lube Oils | Resid | Sour Water

Key Management Issues



Operator and Environmental Safety

A low-emission, closed-loop sampling approach protects the operator from volatile and/or toxic exposure while preventing spills into the environment.



Product Quality

Trust your product quality testing results with samples collected by sample panels engineered specifically to handle the temperatures, pressures and corrosiveness found in Hydrocarbon processing.



Regulatory Compliance

Sampling equipment made by suppliers with an ISO 9001 certification and designed to meet ASME, NACE, HAZLOC and/or CRN, CE, PED and ATEX standards are important to meeting health and safety regulations.