HACH®

Be Right™

Midstream and Liquefied Natural Gas Production

Complete Water Analysis Solutions

At Hach®, we understand your needs when it comes to maximizing efficiency of liquefied natural gas (LNG) operations. With more than 65 years as the leading expert in water quality analysis, you can trust Hach's knowledgeable and responsive support team to address your unique needs for water applications throughout your entire process including source water preparation, high and low pressure utility water loops, wastewater treatment and final effluent compliance.

Source and Raw Water

Each water source and industrial application requires different treatment standards and methods, the effectiveness of which must be verified by real-time and benchtop analytical solutions. Parameters commonly monitored include pH, Chlorine and turbidity.

Turbidity
(TU5300)

Chlorine
(ULR CL17)

Boiler Water and Steam (Utility)

High pressure steam for power generation requires extensive demineralization and preparation of water throughout the water steam cycle. Organic loading in return condensate must be closely monitored to limit asset downtime and freshwater intake. Parameters commonly monitored include hardness, chlorides, dissolved oxygen, sodium, silica and conductivity.

Silica
(5500sc)

Total Organic Carbon
(Biotector B3500)

Dissolved Oxygen
(Orbisphere K1100)

Sample
Conditioning Panel

Cooling and Recirculating Water (Utility)

Open and once-through circulation systems require resupply of large quantities of water to replace water lost through drift, evaporation and blowdown. Water quality must be constantly monitored to limit the impact of mineral scale deposition, corrosion and biological fouling. Parameters commonly monitored include pH, Phosphorus, toroidal conductivity, chloride, and nitrite.

pH / Conductivity
(sensors and controllers)

Low Level Chlorides
(EZ Series)

Wastewater and water discharge

These processes address a wide range of potential contaminants including organic and inorganic materials that negatively impact watersheds if not properly managed. Commonly monitored parameters include pH, suspended solids, BOD, chlorine and ammonia.

Suspended Solids
(Solitax / TSS sc)

Ammonia
(Amtax)

HACH®

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DOC063.53.30793.May24