

# THIEF HATCH METHANE & VOC EMISSION MONITORING



Tank and thief hatch emissions contribute to more than half of the greenhouse gas (GHG) emissions in the upstream oil and gas sector.

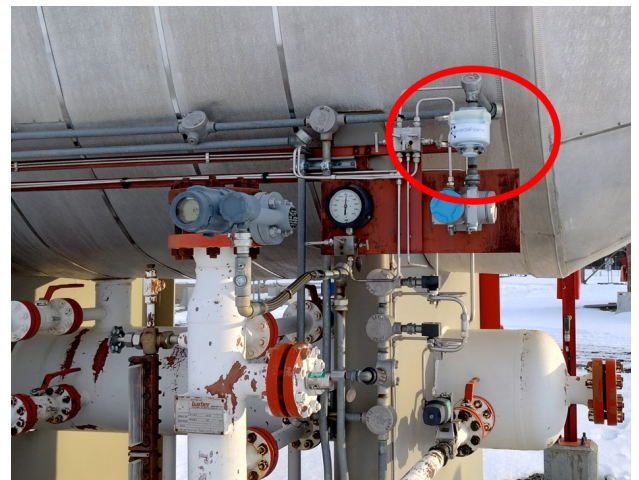
Thief hatches are susceptible to human error leading to atmospheric venting until operators become aware of the issue. NevadaNano's MethaneTrack™ presents an ideal solution for monitoring tanks and thief hatches. MethaneTrack™ can be conveniently installed adjacent to thief hatches, enabling rapid detection of fugitive tank emissions, providing precise localization and accurate quantification.

## KEY FEATURES

- Intrinsically Safe, Class 1, Div.1, ATEX Zone 0
- Wireless Communication
- 4+ year battery life
- Minimal CapEx and OpEx cost
- Proven Tank Emission Monitoring

MethaneTrack™ with tanks helps organizations:

- Alert when a thief hatch is open
- Proactively manage and reduce tank emissions
- Meet OGMP 2.0 Level 4 and 5 standards
- Reduce GHG Emissions
- Achieve ESG Compliance



## EXAMPLE OF SYSTEM EFFECTIVENESS

After a system was installed at a client site in Texas, MethaneTrack™ identified several leaks within the first 24 hours using our Leak Source Isolation™ (LSI™) algorithm. Upon examination, the identified thief hatch was confirmed to have a damaged seal, thus highlighting the real-time and proactive capabilities of MethaneTrack™ in preventing emissions and minimizing environmental impact.



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