

Thief Hatch Methane and 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.



MethaneTrack™ key features include:

- 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
- OGMP 2.0 Level 4 and 5 standards
- Reduced GHG Emissions
- ESG Compliance



An example of our system effectiveness, after one 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 the client checking the identified thief hatch, they confirmed it had a damaged seal, thus highlighting the real-time and proactive capabilities of MethaneTrack™ in preventing emissions and minimizing environmental impact.

If your organization wants to reduce GHG emissions in a cost-effective manner, MethaneTrack™ provides an easy solution and is available now for installation.

Contact NevadaNano at sales@nevedanano.com or nevedanano.com