

CASE STUDY Energy Sector

An employee drives a front-end loader around the yard at TerraTech Services in Fort Morgan, Colorado.



BACKGROUND

TerraTech Services, a national leader in oilfield services and logistics, operates in 11 states with 16 locations, with more than 300 employees. In 2022, TerraTech sought to establish itself as the safest oil and gas company in the United States - no small task given the widespread issue of workplace alcohol consumption, particularly prevalent in the oil and gas industry.

According to the National Council on Alcohol and Drug Dependence (NCADD), alarming facts underscore the gravity of the epidemic:

- + **49%** of industrial accidents are attributable to alcohol.
- + In workplace fatalities, **11%** or more of the victims had consumed alcohol.
- + **20%** of workers and managers report that a coworker's on- or off-the-job drinking jeopardized their productivity and safety.
- + Across all industries and occupations, binge drinking is most common among oil and gas extraction workers at **26%**.

Industry experts suggest that the issue runs even deeper due to the remote nature of extraction work, coupled with its physical demands and long hours, leading many individuals to turn to alcohol and substance abuse.

"These are blue-collar workers who are away from their families, have a lot of unsupervised downtime and tend to fill those hours with unhealthy habits," said Jerry Smith, Health, Safety and Environment Manager at TerraTech. "From my experience, I would estimate that **60-70% of employees in the oil and gas extraction industry drink at work at least once a week.**"

PROGRAM

In the November of 2022, TerraTech initiated a pilot program with SOBRsafe, deploying the alcohol detection platform SOBRcheck™ at the entry points of two job sites. The procedure was straightforward: TerraTech employees simply placed their hand on SOBRcheck, confirming their identity and conducting alcohol screening in under 10 seconds. The results were transmitted in real-time to an administrative portal with alerts to mobile devices.

"I was initially skeptical about how an electronic device could provide instantaneous alcohol results, but it quickly proved its reliability."

— Jerry Smith

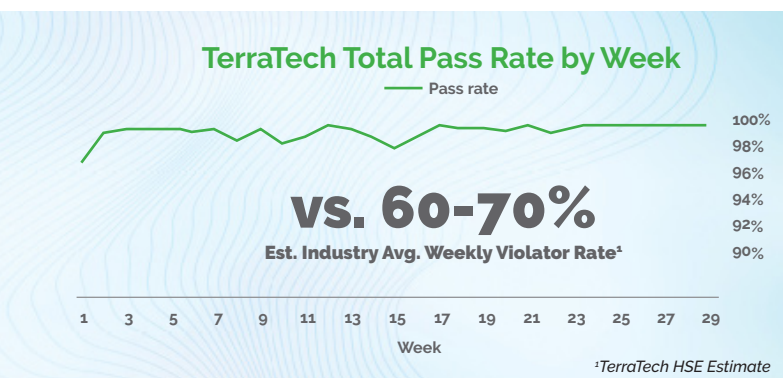
TerraTech achieved 100% compliance from employees at both pilot locations within a short period. After a month of daily testing, TerraTech was confident of the technology's effectiveness.



Jerry Smith, the health, safety and environmental manager for TerraTech demonstrates the use of a SOBRsafe device at TerraTech Services in Fort Morgan, Colorado.

RESULTS

TerraTech and SOBRsafe proceeded to install an additional 14 SOBRcheck devices at TerraTech sites nationwide. As a representative example, one TerraTech location witnessed a remarkable 100% decrease in alcohol-positive test results within a two-week period, improving from one in ten employees testing positive, to zero.



The ability to easily screen for alcohol consumption has transformed TerraTech's workplace culture. Employees now operate in a proven alcohol-free environment every day.

TerraTech consistently screens employees for alcohol three times a day. With more than 80,000 scans logged into the SOBRsafe portal (as of year-end 2023), they have achieved an effective 100% pass rate.

"We have achieved full participation from our CEO down to our newest employee, and we have experienced tremendous success with SOBRcheck," Smith said. "We couldn't be happier with the technology and our partnership with SOBRsafe."