## SPECIALIZED TRAINING CERTIFICATE claude bauer

Has Successfully Completed an Eight (8) Hour Training Course as an Oil and Gas

## NORM/TENORM SURVEYOR

Course Completed: December 28, 2023

The course is recognized as acceptable specialized training by the Texas Department of State Health Services, 25 TAC §289, and the Railroad Commission, 16 TAC §4.6. The course includes, but is not limited to, the following:

- Origins of NORM, Atomic Theory, Sources of Radiation Exposure, and Minimizing Exposure
- Petroleum, Natural Gas Condensate, Upstream, Midstream, and Downstream Processes
- Biological Effects of Radiation, Exposure to an Unborn Child, and Risks Associated with Radiation Exposure
- NORM/TENORM State Regulations AR, CO, GA, LA, ME, MS, NM, ND, OH, OR, TX, and WV
- Federal Regulations, CRCPD Part N, Legal Responsibilities, and General / Specific Licenses
- Radiation Protection Plans, Waste Management Programs, Personnel Monitoring, and Liability Minimization
- Survey Instrumentation, Performing Radiation and Contamination Surveys, and Documenting Surveys
- Surveyor Responsibilities, Problems and Solutions, Radiation Units, and Sampling Methods
- Decontamination Methods, Respiratory Protection, Shipping / Manifesting, and Disposal Options



