

Anthony Michael Hinojosa, NREMT

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Summary

Industrial laboratory technician and NREMT with extensive experience in petrochemical operations, product quality, and emergency response. Known for reliability in high-risk environments, acting as lab point of contact between operations, business, and technical teams, and bringing a strong safety mindset to all work. Currently supporting polymer and glycol production at ExxonMobil's GCGV complex while advancing technical education toward an engineering-focused bachelor's degree.

Core Skills

- Analytical testing: HPLC, GC, FTIR, UV-Vis, colorimetry, X-ray, melt index, and related methods
- Petrochemical product quality: polymers, glycols, olefins, crude oil and refined products, wastewater compliance
- Quality systems: sample management, QC standards, 5S, audit preparation, equipment checks and maintenance
- Operations support: lab-operations coordination, product release decisions, turnaround/outage support
- Safety & emergency response: industrial firefighting, HazMat awareness and operations, air monitoring, rescue, NREMT
- Field operations: heavy equipment, forklifts and skid steers, elevated work and confined space support
- Team leadership: night-shift lab point of contact, step-up responsibilities, permit writing, and training support

Experience

Laboratory Technician, ExxonMobil – Gregory, TX 2023 – Present

- Perform high-volume analytical testing and material characterization for polymers, glycols, and olefins to support product release and troubleshooting.
- Support daily laboratory operations including instrument checks, QC material standardization, sample management, and adherence to 5S and quality audit requirements.
- Serve as laboratory Point of Contact on shift, coordinating sample priorities and communicating results with operations, engineering, and business teams.

- Act as Product Quality Grader, providing go/no-go decisions for finished product against internal and customer specifications.
- Participate in Emergency Response Fire & Rescue and EHS drone operations, supporting incident response, perimeter checks, and air monitoring as needed.
- Contribute as T/A Safety Training Advisor during turnarounds, reinforcing safe work practices and helping align lab activities with field execution.

Laboratory Technician (Contract), Kelly / ExxonMobil GCGV – Gregory, TX 2021 – 2023

- Collaborated with ExxonMobil's GCGV technical team as a contract lab technician to verify product quality against established specifications.
- Conducted routine and non-routine analyses on process, product, and environmental samples, escalating abnormalities to on-site staff.
- Supported emergency response and industrial hygiene by conducting rapid air monitoring during events and maintenance activities.

Laboratory Technician / Inspector, Bureau Veritas – Corpus Christi, TX 2020 – 2021

- Provided third-party quality assurance testing for multiple refineries across a range of petroleum products, including crude oils, ULSD, gasoline, VGO, VLSFO, and jet fuel.
- Executed standardized test methods to ensure compliance with client specifications and regulatory requirements.
- Prepared documentation and communicated results to refinery and marine customers in time-sensitive cargo and custody-transfer situations.

Laboratory Technician / Production Helper, voestalpine – Gregory, TX 2018 – 2020

- Ensured quality of iron ore pellets and briquettes through analytical testing in support of R&D and production activities.
- Collected process and wastewater samples for compliance purposes, coordinating with operations to address out-of-spec conditions.
- Maintained lab housekeeping and 5S standards and assisted with equipment maintenance to improve reliability.
- Safely operated heavy equipment, including forklifts and skid steers, to support material handling and plant operations.

Lead Painter / Blaster, BrandSafway – Corpus Christi, TX 2014 – 2017

- Performed process equipment maintenance across multiple units, including blasting, lead abatement, painting, fireproofing, and scaffolding.
- Operated man lifts and scissor lifts while adhering to site safety rules and permit requirements.
- Served as safety lead, writing work permits, coaching crew members, and coordinating job authorization with facility operations.

Education

Del Mar College – Corpus Christi, TX – EMT Certificate completed 2024

Western Governors University – BS, Computer Science (ongoing)

Certifications & Training

- NREMT – Nationally Registered Emergency Medical Technician (EMT)
- FAA Part 107 Remote Pilot Certification, 2025
- OSHA 30 General Industry
- 40-hour HAZWOPER