

QC Manager

FCI Sand Operations · Pleasanton, TX · Eagle Ford Basin

Reports To: Plant Manager

Status: Full-Time, Exempt

Location: On-Site — Pleasanton, TX

About the Role

FCI Sand Operations is ramping a frac sand mining and processing operation targeting 1,000,000+ finished tons per year of 100-mesh frac sand in the Eagle Ford Basin. The QC Manager will own the quality management system from ROM feed through finished goods, ensuring all product meets API STD 19C specifications and customer requirements. This is a build-it role — standing up lab capabilities, testing protocols, and QC reporting systems from scratch.

Key Responsibilities

- Own all QC operations including sieve analysis, turbidity (API STD 19C), crush resistance, sphericity/roundness, and acid solubility testing
- Develop and maintain the site QC management system including sampling plans, test frequency, SOP documentation, and hold/release procedures
- Manage wash plant and dry plant QC gates to ensure ROM-to-finished goods process targets are consistently met
- Monitor and report on particle size distribution (PSD) trends across feed, in-process, and finished goods stockpiles
- Lead QC lab staffing, equipment calibration programs, and proficiency testing
- Interface with customers on product COAs, quality complaints, and specification compliance
- Support mine planning and wash plant operations with PSD data to optimize feed blending and process settings
- Drive continuous improvement in product quality, reject rates, and wash loss minimization
- Maintain records in compliance with customer and regulatory requirements
- Report QC KPIs into the daily/weekly S&OP process

Qualifications

- BS in Geology, Mining Engineering, Chemical Engineering, or related field preferred
- 5+ years of QC/quality management experience in frac sand, aggregates, industrial minerals, or similar
- Direct hands-on experience with API STD 19C testing methods strongly preferred
- Proficiency in statistical process control (SPC) and QC data reporting
- Familiarity with ISO 9001 or similar QMS frameworks a plus
- Strong attention to detail and ability to work across operations, mine, and commercial teams
- MSHA Part 46 awareness

What Sets This Role Apart

You will build and run the QC system that defines FCI Sand product quality — from the lab bench to the customer certificate of analysis — as a key part of the site turnaround leadership team.

