

Tyler Gracedel, CAC

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• TWIC Certified • OSHA 30 Certified • AIC CAC Certified • Procore Certified

Education

University of Houston College of Technology; 2016-2020
Bachelor of Science in Construction Management.

Kiewit - May 2020 - Current

Orange County Advanced Power Station, Orange, Texas

Jun. 2024 – Current

Lead Field Engineer

Insulation - Feb. 2026 – Current

- Guide subcontractors through contract and ITP requirements to maintain quality control and productivity.
- Manage installation of piping and equipment insulation, including mineral wool, calcium silicate, foam glass, cellular glass, pyrogel, aerogel, cladding, and removable blankets.
- Compose ITP verifying insulation requirements for piping, tanks, HRSG components, and rotating, ensuring compliance of insulation thicknesses and proper coverage of around valves, flanges, supports, and cladding.

Commissioning - Oct. 2025 – Current

- Developed a commissioning spare parts list based on vendor O&M.
- Coordinated and support TFAs for in-service equipment checkout and commission in line with contract requirements.
- Performed checkouts and completed check sheets for mechanical equipment, including rotating (Run-Ins) and static (In-Service) equipment.

HRSG/BOP Pipe - Dec. 2024 – Oct. 2025

- Submitted RFIs, redlines, weld uploads, and work/test packages throughout all project phases.
- Managed code compliance requirements in accordance with ASME Section 1 and ASME B31.1.
- Closed out work packages and managed punch list completion to ensure all pipe activities and drive turnover.
- Executed hydrostatic, pneumatic, and in-service testing on HRSGs and all associated balance-of-plant piping systems in collaboration with the State Authorized Inspector to ensure compliance with jurisdictional requirements.

Concrete - Jun. 2024 – Dec. 2024

- Monitored consolidation, finishing, curing, and protective activities.
- Performed field calculations for concrete volumes, pour sequencing, and formwork.
- Verified formwork geometry, rebar placement, embeds, anchor bolts, and post-tensioning layouts prior to concrete placement.
- Oversaw concrete pours, verifying compliance with mix design, slump tolerances, temperature limits, and placement procedures.

Blue Sky Water Reclaimant Facility Project, Taylor, Texas

Jul. 2023 – Jun. 2024

Pipe Field Engineer

- Performed as-built surveys for underground piping to verify installed locations, depths, and alignment for tie-in locations.
- Developed piping isometrics drawings from field-routing activities, capturing accurate dimensions, tie-ins, and as-built conditions for fabrication and installation.
- Oversaw installation of piping systems, valves, supports, specialty items, and equipment tie-ins, confirming compliance with drawings, project specifications, and ASME B31.3 code.

OGC Estimating Office, Houston, Texas

Sep. 2021 – Jul. 2023

Lead Pipe/Mechanical Estimator

- Prepared procurement packages after undergoing cost analysis efforts.
- Established applicable unit rate factors for the estimate utilizing project benchmarks.
- Coordinated estimate development between management, other disciplines, sponsors, and the client.
- Prepared take-offs based on plot plans, models, isometric drawings, and P&IDs to implement into the estimate bid.
- Reviewed incoming bid proposals, specifications, and all accompanying documentation to prepare optimal bid strategy.
- Structured the awarded-project scope into InEight work packages and project controls to support accurate planning and field execution

Gulf Coast Growth Ventures Project, Gregory, Texas

Jan. 2021 – Sep. 2021

Field Engineer

- Worked with the client on quality control, turnover, and commissioning.
- Built 3 week and 90-day schedules based on turnover dates and man hours remaining.
- Supported over 180 craft workers, foreman, and general foreman during day-to-day operations.
- Developed work plans that included quantities, as-built drawings, JHA, ITP, and lift plans for field operations.
- Verified completed field activities to support accurate progress tracking, cost claiming, and remaining-budget forecasting.
- Coordinated vendor deliveries in alignment with work sequencing and verified on-site materials for accurate MRR documentation

OGC Estimating Office, Houston, Texas

May. 2020 – Aug. 2020

Estimator Intern

- Performed civil excavation, backfill, concrete, pipe, and weld take-offs.
- Developed Scatterplot graphs and review books for lead estimating team on past unit rates.
- Reviewed incoming bid proposals and marked up SOPs to highlight key items and clarifications for the estimate leads.