



Aiko Schneider

Field Project Engineer

Field project engineer with 6 years of experience in industrial and process-facility construction, holding an Engineer in Training Certification. Reduced material and procurement costs by 8.9% on a \$5.5M water treatment facility expansion by rebidding structural steel and consolidating pipe fitting orders across 3 vendors. Maintained strong safety records across all roles while coordinating procurement, RFI management, and structural design work using AutoCAD, SAP, and MATLAB.

CONTACT INFORMATION

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KEY SKILLS

- AutoCAD
- Primavera P6
- SAP Materials Management
- MATLAB
- OSHA Construction Standards
- ASME Boiler Pressure Vessel Code
- ASTM Specifications
- Cost Estimating and Budgeting
- Vendor Negotiation
- RFI Management
- Field Engineering Coordination

PROFESSIONAL EXPERIENCE

2023 - Present

Field Project Engineer | Harnett Creek Industrial Services, Sanford, NC

- Reduced material and procurement costs by 8.9% on a \$5.5M water treatment facility expansion by rebidding structural steel and consolidating pipe fitting orders across 3 vendors.
- Maintained zero recordable safety incidents over 14 months on a site averaging 37 craft workers per day, conducting weekly toolbox talks and daily OSHA hazard assessments.
- Shortened engineering design time by 20.4% for foundation drawings by building reusable AutoCAD templates, saving the team an estimated 42 hours per design cycle.
- Coordinated procurement of ASTM-specification materials for 6 concurrent work packages, tracking deliveries and lead times in SAP to prevent field delays.

2021 - 2023

Project Engineer | Deep Creek Process Contractors, Fayetteville, NC

- Cut piping material costs by \$44,130 on a \$2.55M pharmaceutical cleanroom build by identifying alternate ASME-compliant alloy suppliers with shorter lead times.
- Achieved 1 recordable incident across 19 months of construction activity, down from 3 incidents on the prior project of comparable scope.
- Reduced structural analysis turnaround from 9 days to 5 days per iteration by scripting repetitive load cases in MATLAB, freeing senior engineers for field reviews.
- Managed RFI logs and vendor submittals for 5 active projects simultaneously, resolving an average of 11 open items per week through Jira tracking boards.

2020 - 2021

Junior Project Engineer | Chatham Valley Engineering Group, Pittsboro, NC

- Lowered fastener and gasket procurement spend by 7.6% across 2 plant retrofit projects by consolidating purchase orders and negotiating volume pricing with regional distributors.
- Supported a zero lost-time incident record on a 9-month tank farm installation by preparing daily PPE audits and fall-protection checklists for a 22-person crew.
- Drafted 34 civil and structural drawings in AutoCAD for a \$1.65M conveyor system upgrade, cutting drafting hours from 6.2 to 4.8 hours per sheet.

EDUCATION

BS, Civil Engineering

CERTIFICATIONS

- Engineer in Training Certification, State engineering licensing board, after the NCEES FE exam, 2020