



TIEN N. HOANG, Process Engineer

SUMMARY OF QUALIFICATIONS

River City Engineering, Inc., Lawrence, Kansas USA 2013-Present

Process Engineering Consultant for the Oil & Gas Industry providing design and technical support for gas and liquids processing/handling projects.

- Detailed engineering for debottlenecking relief and drain systems for a large mid-continent storage company. Provided client with options to improve current operations. Revised and developed P&ID's to include new additions to the facility.
- Evaluated the performance of a cryogenic gas plant that was experiencing CO₂ freezing in the demethanizer and plate-fin heat exchangers. Provided options to address freezing issues.
- Provided engineering services for many skid-mounted JT gas plants located in West Texas and North Dakota. Determined optimal operating conditions for meeting product specifications.
- Performed a study on the refrigeration system of a propane terminal to improve operability and increase propane storage.
- Performed a study on the hydraulics and capacity of a refrigeration system of a gas processing plant.
- Conducted a gathering system and trunkline hydraulic study for a new gas plant. Determined the effects of elevation and ambient conditions on liquid hold-up and slug for different piping sizes and materials.
- Performed a PSV and flare study for a new transmix fractionator at a pipeline terminal facility.
- Performed a PSV study for the TEG and amine system of a gas processing plant.
- Provided engineering support and performed a PSV study for a polypropylene pilot plant.
- Modified and updated in-house programs for equipment sizing and pricing.

EDUCATION

University of Kansas

Lawrence, Kansas

B.S. Chemical Engineering, 2009-2013

PROFESSIONAL MEMBERSHIPS

Engineer in Training (EIT), Kansas

American Institute of Chemical Engineers