Daryl R. Jensen, P.E.

Engineering Consultant

Background & Core Competencies

A multifaceted, flexible engineer with 15 years' experience in all aspects of Gas Treating, Gas Processing, and Sulfur Recovery. Daryl's background includes working in process licensing and development, on-site operations consultation, instrumentation/controls design and implementation, and engineering software development.

- Extensive experience in the design, installation, and operation of: SRUs, TGUs, Amine, SWS, caustic treating, and cryogenic NGL/LPG recovery.
- Licensing, conceptual design, startup, operations training, troubleshooting, software development
- Ability to communicate and work effectively with operators through top management
- Familiarity with a wide range of process control technologies including PLC/redundant logic control programming, DCS interface and programming, data historian data importation and processing, and all common process instruments.

Experience

Optimized Gas Treating, Inc. Buda TX (2021 – Present)

Development Engineer

- ProTreat® software: new feature development, chemical process modeling, and maintenance of legacy code.

Honeywell UOP (acquired Ortloff Engineers, Ltd. - Sep 2018), Midland TX (2006–2021)

I/E Engineer, Senior I/E Engineer, Senior Design Engineer, Advanced Chemical Engineer

- Conceptual design through startup process engineer—NGL/LPG recovery and SRU/TGU projects /w amine treating and sour water stripping.
- Process modeling for both new designs and existing installations.
- Safety and control system logic development
- Developed process modeling and engineering document generation tools
- Novel Geothermal power technology modeling, development, and marketing

New Mexico State University, Las Cruces NM (2004–2006)

Teaching Assistant, Research Assistant

- Instructor for undergraduate students in Electrical Engineering Power Systems.
- Stochastic modeling of distributed generation for the purposes of increased reliability

Publications and Patents

Authored, coauthored or presented numerous technical papers in gas processing and sulfur recovery

Patents include:

- Hydrocarbon Gas Processing, US Patent No. #17/072,731
- Hydrocarbon Gas Processing, US Patent No. #17/072,657