



# James Cody Connell, P.E.

## Consulting and Forensic Engineer

### System Engineering And Laboratories (SEAL)

#### QUALIFICATIONS

- Mechanical Engineer
- Oil Field
- Pressure vessel design and safety
- Machine manufacturing design
- Safety Analysis
- FEA stress analysis
- Chemical processing
- Development plans
- CAD
- Crane and hoisting equipment design
- Quality programs
- Code Compliance
- Test Planning
- Failure Modes and Effects Analysis (FMEA)

#### EDUCATION

BS, Mechanical Engineering, Texas Tech, 1987  
Oilfield, OJT  
MSHA 2021  
Continuing Education, On-going

#### CERTIFICATIONS

- Certified Safety Professional (CSP), Study
- P.E., Professional Engineer, Texas, #78326
- P.E., Professional Engineer, Louisiana, #0039709
- P.E., Professional Engineer, New Mexico, #26471
- P.E., Professional Engineer, Colorado, #0045511
- P.E., Professional Engineer, Kansas, #30701
- P.E., Professional Engineer, Mississippi, #35183

#### EXPERIENCE

03/24 - 09/24 Primoris Design and Construction - Mechanical Engineer  
08/22 - 03/24 Los Alamos National Laboratory - Safety Matter Expert (SME) Area 55  
03/16 - 06/22 Nuclear Waste Partnership - System Engineer  
05/14 - 08/15 ThyssenKrupp Industrial Solutions - Mechanical Engineer  
01/13 - 02/14 CDI Corporation - Mechanical Engineer  
10/12 - 12/12 Enserca Engineering - Senior Mechanical Engineer  
12/05 - 02/12 URS, Inc. - Consulting Engineer  
01/03 - 08/04 Capco Fabricators, Inc. - Created new engineering department  
04/95 - 02/97 LeTourneau, Inc. - Crane Product Engineer, Safety Analyst  
Other consulting and engineering positions