



Phillip (Phil) Grisham, P.E., M.S.

Consulting and Forensic Engineer

System Engineering And Laboratories (SEAL)

QUALIFICATIONS

- Mechanical Engineer
- Product & System Design
- Oil Field Surface Packaged Equipment
- Downhole Oil & Gas Tool Development
- Medical Device Development
- Waste Water Treatment System Design
- Food & Beverage Product Development
- Building Product Design & Testing
- HVAC System Testing
- System Safety
- Accident Reconstruction
- Failure Modes Effects Analysis (FMEA)
- Test Development & Execution
- Manufacturing Engineering
- 3D CAD Modeling
- Finite Element Analysis (ANSYS, Comsol, & SolidWorks)
- Code compliance

EDUCATION

- MSME, Cum Laude, 2001, Texas A & M
- BSME, Magna Cum Laude, 1999, UT Tyler
- AA, Summa Cum Laude, 1997, Tyler Junior College

CERTIFICATIONS

- P E, Texas Professional Engineer, #104988
- U.S. Patents
 - D574,947 & 8,292,707 (off-peak intake vent)
 - 8,398,050 (hold open configuration for safety valve and method)
 - 8,784,660 (Method for remediation of water generated from natural resource production operation)
 - 10,478,586 (Artificial respiration system and method having automatic mask detection)
 - 10,556,074 (Artificial respiration system with timing control and automatic mask detection)
- Master's Thesis 2001: The Effects of Galvanic Corrosion on Air Conditioner Performance

EXPERIENCE

2024-Present S.E.A.L. Corporation
2021-2024 SCS Technologies, LLC – Director of Engineering and Project Manager
2017-2021 Integrated Flow Solutions – Project & Engineering Manager
2008-2019 Product Concept Development – Director of Mechanical Engineering and Consultant
2001-2008 Air Vent, Inc. – Senior Principal R & D Engineer
2015-Present East Texas Mulching, LLC – President