



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

Consulting and Forensic Engineer System Engineering And Laboratories (SEAL) Corporation

QUALIFICATIONS

Mechanical Engineer • Product & System Design • Oil Field Surface Packaged Equipment, • Downhole Oil & Gas Tool Development • Medical Device Development • Wastewater 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

PE, Texas Professional Engineer, #104988
Class A Driver's License

PATENTS AND PUBLICATIONS

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

2025-Present	System Engineering and Laboratories – Consulting Engineer
2015-Present	East Texas Mulching, LLC – President
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