

PROFESSIONAL SUMMARY

- ▶ Bachelor of Science in Mechanical Engineering, Louisiana State University, 2014.
- ▶ Primary Areas of Consultation: Mechanical System and Equipment Failure Analysis; Fuel Gas System Analysis and Testing; Workplace Accident & Safety Analysis.
- ▶ Residential and Commercial construction, plumbing, foundation and roof inspections, water intrusion/damage and foundation failure/deflection analysis.

EMPLOYMENT RECORD

- ▶ 2021-Present **McDOWELL OWENS ENGINEERING, INC** *Houston, Texas*
Consulting Engineer Areas of primary interest include mechanical system and equipment failure analysis, Oil and Gas operations; Residential and commercial construction, plumbing component/system failure analysis, foundation failure/deflection analysis and roof inspections.
- ▶ 2018-2021 **CERTUS ENERGY SOLUTIONS, LLC** *Houston, Texas*
Staff Engineer, Manufacturing Manager Responsible for management and technological support of existing product lines as well as design and launch of new services. Served as investigator in cases of failure and responsible for root cause analysis report and presentation.
- ▶ 2016-2018 **DEWALCH TECHNOLOGIES, INC** *Houston, Texas*
Mechanical Engineer, Tool Room Manager Responsible for design and specifications for manufacturing fixtures and tooling. Managed tool room personnel and logistics as well as investigator of production floor throughput and quality concerns.
- ▶ 2014-2015 **CONOCOPHILLIPS** *Houston, Texas*
Drilling Engineer Responsible for design and implementation of drilling programs in Permian Basin. Oversaw program budget, resolved downhole complications, and issued plan deviations as fit.

EDUCATION

- ▶ Bachelor of Science, Mechanical Engineering
Louisiana State University, Baton Rouge, Louisiana, 2014

REGISTRATIONS, LICENSES & CERTIFICATIONS

- ▶ Licensed Professional Engineer:
 - ✓ Louisiana No. 46019
 - ✓ Georgia No. PE049707
 - ✓ Michigan No. 6201311684
 - ✓ Oklahoma No. 33835
 - ✓ North Carolina No. 054397
 - ✓ Pennsylvania No. PE093977
 - ✓ Texas No. 141910
- ▶ USA DOT FAA - Remote Pilot License – DRONE – License No. 4555908

PROFESSIONAL MEMBERSHIPS

- ▶ American Society for Testing and Materials (Company Affiliation)
- ▶ National Association of Fire Investigators (Company Affiliation)
- ▶ National Fire Protection Association (Company Affiliation)

Revised May 18th, 2023