

Estanislao “Tanny” Acedo

Senior Staff Consultant



Estanislao “Tanny” Acedo is a degreed mechanical engineer in ESI’s Automotive & Marine practice and brings significant expertise in the design, testing, and failure analysis of light and heavy-duty vehicles. He has worked directly with clients and groups to help develop, implement, and manage specific projects in the areas of vehicles testing, product research, and vehicle verification and validation. Mr. Acedo has extensive experience with hands-on testing. Experienced with fuel system components in Diesel and Gasoline engines, as well as alternative fuel systems (LPG, CNG, hybrid, etc.). Mr. Acedo also has significant experience in project management.

His experience spans the full lifecycle of these vehicles, including research and development, diagnostic and performance analysis, risk assessment, and failure analysis. Prior to joining ESI, Mr. Acedo gained a wealth of experience in the automotive consultancy world, having worked with several companies both domestic and overseas.

Education

BS, Mechanical Engineering. The University of Texas at El Paso.

Languages

- English, Spanish.

Positions Held

Engineering Systems Inc., Charlotte, North Carolina

- Senior Staff Consultant, 2024 – Present

LC Engineering & Consulting, Tecate, California

- Senior Consulting Partner, 2016-2022, 2023 – 2024

Volvo Trucks, Greensboro, North Carolina

- Senior Project Manager, 2022 – 2023

Clean Fuel, Wixom, Michigan

- Chief Engineer, 2013 – 2016

Contact Information

tacedo@engsys.com

(980) 221-8111

ESi Charlotte

3310 Green Park Circle
Charlotte, NC 28217

Areas of Specialization

- Design Failure Mode and Effects Analysis (DFMEA)
- Failure Mode and Effects Analysis (FMEA)
- OEM Integration
- Automotive Testing and Validation
- Alternative Fuel Systems

IAV Automotive Engineering, Northville, Michigan

- Engineer – Gasoline and Alternative Fuel Systems, 2011 – 2013

IMPCO Technologies, Santa Ana, California

- Applications/Calibration Engineer, 2008 – 2011

T-Plas de Mexico, Tijuana, Mexico

- Production Manager, 2001 – 2008

Bi-Phase Technologies, Lake Lillian, Minnesota

- Development Engineer, 1999 – 2000

Espagas, SA de CV, Industrial Vallejo, Mexico

- Plant/Technical Manager 1998 – 1999

Continuing Education

- Bosch CDR Tool Technician Training – IPTM, 2025
- Hyundai-Kia & Tesla EDR Tools Technician – IPTM, 2025
- Passenger Restraint Safety Systems – IPTM, 2025

Professional Affiliations/Honors

Society of Automotive Engineers (SAE)

American Society of Mechanical Engineers (ASME)