



3310 Green Park Circle
Charlotte, NC 28217

Estanislao “Tanny” Acedo **Senior Staff Consultant**

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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 vehicle 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. He is bilingual in English and Spanish.

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

Education

B.S., Mechanical Engineering, The University of Texas at El Paso

Professional Affiliations/Honors

Professional Affiliations:

Society of Automotive Engineers (SAE)
American Society of Mechanical Engineers (ASME)

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

September 2024



Clean Fuel, Wixom, Michigan

Chief Engineer, 2013-2016

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