EDUARDO H. RODRIGUEZ

Technical Consultant

Professional Summary

Ed Rodriguez is an experienced engineering leader with more than 45 years of expertise in the design, development, and execution of projects across the environmental, chemical, petrochemical, landfill and water treatment industries.

Throughout his career, Mr. Rodriguez has progressed from process design to project management and executive leadership, gaining comprehensive expertise in heat and material balance development, process flow diagram (PFD) and P&ID preparation, economic evaluations, and client account management. His responsibilities have encompassed project budgeting and scheduling, multidisciplinary engineering coordination, procurement and expediting, and the preparation of proposals across a wide range of process technologies.

Mr. Rodriguez earned his Bachelor of Science in Chemical Engineering from California State Polytechnic University, Pomona, following studies at Arizona State University. Upon graduation, he joined Lawrence-Allison and Associates–West, which became part of KTI in 1981. He remained with KTI until 2000, contributing to numerous process plant designs before moving to Bryan Stirrat & Associates (BAS), where he worked on landfill gas collection and processing projects.

In 2002, he joined OnQuest Inc.—a newly established fired heater EPC group within ARB—where under his leadership the company expanded its capabilities to include hydrogen, LNG, RNG, and gasification process plants. Following ARB’s public listing as Primoris Services Corporation in 2007, Mr. Rodriguez continued with OnQuest/Primoris until his retirement in 2025. He now provides consulting services to the energy industry.

Mr. Rodriguez has been a Registered Professional Engineer in Chemical Engineering (California License No. 4128) since 1983 and holds contractor licenses in both California and Louisiana.

Service Areas

- **Landfill / BioGas**
- **Environmental Project Mgt.**
- **Organics Management**

Education

- B.Sc. Chemical Engineering, California State Polytechnic University – Pomona 1980
- Construction Management Program, Texas A&M University – College Station, 1995

Professional Licenses

- Registered Professional – Chemical Engineer, California, 1983 (No. 4128)
- Contractor’s License – Louisiana
- Contractor's License – California

Distinguishing Qualifications

- Full-cycle EPC project management
- Deep LNG, RNG, & hydrogen expertise
- Active Chemical Engineering PE
- Cross-industry fluency: landfill, refining, energy
- Global project execution capability

Corporate Headquarters:
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TECHNICAL PAPERS AND ARTICLES:

- Managing Risk to Maximize Returns, Engineering Considerations for Smaller-Scale LNG Plants, Technical Paper, May 2014
- Debottlenecking Strategies for Increased Hydrogen Production, International Hydrogen Seminar, Denver, Colorado, 1995
- Feed Gas Saturation of Steam Reformed Systems, American Institute of Chemical Engineers, Ammonia Symposium, Denver, Colorado, 1989
- Thermosoft Process for Produced Water Softening, American Power Conference, Chicago, IL, 1983

EXPERIENCE:

D. Edwards Inc. (DEI) *Sep. 2025 to Present*

Technical Consultant

Offer technical and management services in the RNG, Food Waste Processing and LNG space.

- **Recent contracts:**
  - Nikkiso Energy Infrastructure & Strategic Projects (NESP)
  - Process Engineering Support – LNG Storage and Regasification project in Bahamas.
  - Technical Director supporting an LNG Regasification project in the Caribbean.
  - Process engineer supporting an LNG Regasification Pre-Feed in Latin America

Previous DEI Support *2002 to Present*

- EDCO – Organics Digester to RNG – Implementation of an H2S and VOC removal system, and modifications necessary to flare treated gas.
- Republic – Confidential – Evaluation of Food Waste Processing Facility
- Avenal Landfill – Design, permitting and procurement support services for the installation of a flare, blower skid and condensate holding tank.
- Metro Central Transfer Station – Design of system to accept source separated food waste receiving, processing to slurry, storage and loading onto trailer for delivery to AD facility.
- Athens – Evaluation of the implementation of CNG fueling facilities at various Southern California facilities.

Primoris Engineering *2023 to 2025*

Vice President – Development and Execution

Accountable for responding to engineering, procurement, and construction opportunities for process plants in the energy and renewable energy sector. Notable successful contract conversions include:

- Stabilis – LNG liquefaction, Storage and Bunkering, Engineering and Design, Texas
- Island Renewables – Landfill Gas to LNG – Plant Modifications, EPC, Puerto Rico

- WMRE – Landfill Gas to RNG – Standard Design, Various U.S. locations
- Stabilis – LNG Equipment Relocation, Texas
- Confidential Client – Proprietary Hydrogen production technology demonstration plant, EPC, Texas
- New Mexico Gas Company – LNG Liquefaction, Storage and Vaporization FEL3, New Mexico.
- Shell – Dairy to RNG FEL3, Iowa
- Quavii – LNG storage and vaporization Basic Engineering Package – Peru.
- TIRCO – LNG study, Texas
- Chautauqua Green Energy – Landfill Gas to RNG, EPC, New York
- Freehold Energy – Dairy to RNG, FEL1, Various U.S. Locations

OnQuest, Inc. (Division of Primoris) *2002 to 2023*

Project Manager to Vice President – Operations

Manage OnQuest project management group responsible for the execution of all process plant and furnace projects.

- Project Manager – Technology evaluation - Conversion of Digester Gas to Renewable Natural Gas (RNG) - 3 x 600 SCFM units at dairy plus 1800 SCFM central processing unit and 16-mile pipeline. Minnesota
- Project Manager – Technology evaluation – Conversion of Landfill Gas to RNG – 850 scfm and 2.5 mile pipeline. Kentucky
- Project Director – 260,000 GPD LNG Plant in Hopkinton, Massachusetts
- Project Director – 100,000 GPD LNG Plant in Hialeah, Florida for LNG Holdings (Florida) LLC
- Project Director – 100,000 GPD LNG Plant in George West, Texas for Stabilis Energy.
- Waste Heat Recovery Units on Frame 6 and Frame 7 Gas Turbines – six units, for Chevron Australia's Gorgon LNG Project, Barrow Island, Western Australia
- Project Manager - 240,000 LNG Liquefaction, storage and dispensing plant in Boron, California for Clean Energy Fuels
- Coker Furnaces with SCR and APH (two units) in Martinez, California for Tesoro Golden Eagle Refinery
- Project Manager - Commissioning of LNG Regasification Unit, Montego Bay, Jamaica
- Crude Heater Revamp - two units, in Pascagoula, Mississippi for Chevron
- Ultra-Low Sulfur Diesel Project: Four UOP-licensed heaters with common convection section in St. Charles, Louisiana for Valero
- UOP CCR Platformer Upgrade in El Segundo, California for Chevron
- SCR for 75MW gas turbine exhaust – three units, in Fellows, California, for Midway Sunset

BAS

Project/Process Manager *2000 – 2002*

Responsible process design and project management of various landfill gas related projects including landfill gas collection design, flaring installation and studies using landfill gas for the generation of power and production of towngas.

KTI Corporation/Technip USA *1980 through 2002*

Project Manager *1994 - 1999*

Responsible for the project management functions, which included planning, scheduling, cost control and project tracking associated with the design, engineering, procurement and construction. Notable projects include:

- Multiple Hydrogen Alliance projects and programs (modularization, etc.)
- Fired Heater for ConocoPhillips at Trainer, Pennsylvania
- Grassroots Ammonia Plant, Mississippi
- Hydrogen Reformer/System Debottleneck, California

Responsible for an H2 plant debottleneck of Mobil-Torrance Hydrogen Plant from 75 MM SCFD to over 88 MM SCFD of H2. Issues regarding Gas Turbine Exhaust, transfer line integrity, PSA reliability issues all addressed successfully in a short project schedule with minimum turnaround downtime.

Supervisory/Process Engineer *1980 - 1988*

Responsible for process design, heat and material balance development, PFD and P&ID generation, vendor search, equipment selection and support of engineering during project development. Technologies supported included low temperature separation plants, TEG and molecular sieve dehydration plants, sweetening plants using MDEA, Lo-Cat and Stretford solutions, water treatment, cogeneration and hydrogen/syngas plants.