

ISAIAH ENGINEERING, INC.

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RICHARD MUÑIZ

SPECIALTY/SKILLS:

Electrical/Instrumentation controls and automation field.
Construction Manager.

GEOGRAPHIC BASE: Mobile, AL

TYPE OF COMPANY: Corporation/small business/
minority owned/woman owned

RESUMÉ RICHARD MUÑIZ

EDUCATION

New York Technical College
Study of Electrical Engineering

New York Community College
Study of Accounting

PROFESSIONAL SOCIETIES

Instrument Society of America

PROFESSIONAL EXPERIENCE AND BACKGROUND

DORSEY & DORSEY ENGINEERING INC., MOBILE AL
MAY 2003 TO PRESENT

DIRECTOR OF PROJECTS/SR. PROJECT MANAGER

Designing projects for the federal government and other clients for over 25 years, Mr. Muñiz has managed more than \$8.5M of design services since 2005 with the Army Corps of Engineers on both military and civil works projects. His Electrical and Instrumentation and Control experience includes PLC applications, lighting design, public address systems, fire alarm and power system design for private, public and military clients. He have provided designs for numerous types of projects such as dormitories, paint shops, office buildings, airfield lighting, pump station, Control Room, PLC,PCM, etc. Mr. Muñiz was a General Contractor in New York prior to moving to Mobile, Alabama in 1996. He has broad experience in the building of multi-family homes, townhouses, condominiums, remodeling and renovation of existing building. Mr. Muñiz in the past nine

year has managed all our commercial and government construction projects.

**NESCO SERVICE COMPANY, TAMPA, FL
CIBA SPECIALTY CHEMICALS, MCINTOSH, AL
MAY 1991 TO MARCH 2001
SENIOR INSTRUMENTATION DESIGNER**

Responsible for the production of all instrument design drawings and construction packages. Control systems used are Applied Automation and Anatec (Crisp Automation) computer system, Texas Instruments DCS system, Foxboro Spec200 system, and MODICON PLC system. Installing intrinsically safe and/or explosion proof systems.

Worked on Capital Projects Ranging in Capitalization from \$150K to \$35 Million. Upgraded and Installed DCS systems with associated hardware in all Additive Facilities at Ciba Specialty Chemicals. Designed DCS Watchdog System, which was used as a Standard Watchdog at Ciba Specialty Chemical. Provide Leadership, guidance and training for junior designer.

Electrical Design Experience

Responsible for production of all electrical design drawings and construction packages for following projects:

MEK Feed Pumps, Biocide Delivery, SEQ 30A Modification, C.C. Pump Upgrade, Sulfanilic Solvent.
Transfer Pump, Upgrade Pumps 8-P-20A, B, C and New Addition 2-V-146.

**ON-BOARD CHEMICAL CORPORATION, EDISON, NEW JERSEY
DUPONT CHEMICAL
APRIL 1988 TO MAY 1991
INSTRUMENTATION DESIGNER**

Responsibilities included the production of all instrument and electrical design drawings, contract bid and construction packages including:

- Loop Drawings, DCS and PLC Input/output Wiring and System Wiring Diagrams, Instrument Location Plans, Instrument Index, and Drawing Schedules, Panel Layouts and Fabrication Drawings, Panel Graphics, motor control schematic, wiring and single line diagram, MCC elevation, power and grounding plan.
- Performed instrument review of vendor packages, instrument installation, winterization details, piping layouts, isometric and vessel drawings.

- Interfacing with other design groups, engineering disciplines subcontractors, material distributors and clients.
- Involved in both rebuilt and grassroots projects in the petrochemical, pharmaceutical and textile fibers industries.

**CHRISTIAN GENERAL CONTRACTORS, INC., BROOKLYN, NEW YORK
AUGUST 1986 TO JANUARY 1989**

PRESIDENT

Supervised all personnel and subcontractors and managed all construction projects. Responsible for major corporate decisions and implementation of those decisions, worked closely with key community Leaders to enhance living conditions of several districts throughout the city and state. Broad experience in the building of multi-family homes, townhouses, condominiums, remodeling and renovation of existing homes.

ON-BOARD CHEMICAL CORPORATION, EDISON, NEW JERSEY

DUPONT CHEMICAL

FEBRUARY 1984 TO AUGUST 1986

INSTRUMENTATION DESIGNER

Responsibilities included the production of all instrument and electrical design drawings, contract bid and construction packages.

HEYWARD-ROBINSON COMPANY, INC., NEW YORK, NEW YORK

DECEMBER 1978 TO FEBRUARY 1984

INSTRUMENTATION DESIGNER

Responsibilities included the production of all instrument and electrical design drawings, contract bid and construction packages.