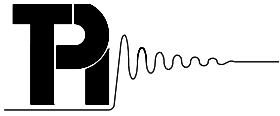


Pickett-Tarpley & Associates, Inc.

Engineering Consultants
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PICKETT, TARPLEY & ASSOCIATES, INC.

INTRODUCTION

Pickett, Tarpley & Associates, Inc. is a Chattanooga, Tennessee based consulting engineering firm offering an accomplished staff with many years combined experience in heavy industrial design, construction supervision, implementation, and start up assistance. We have background in the petroleum, textile fibers, and pulp & paper industries, as well as a number of light manufacturing industries.

Building systems design for industrial, commercial, and institutional facilities is offered as is custom software applications, hardware applications, turnkey systems, industrial controls, data and graphics systems, and life safety systems.

Available are Programmable Logic Controller (PLC) hardware and software development and implementation, Digital Control Systems (DCS) design and installation, software development under DEC/VAX platforms, data acquisition, electrical and instrument control design, power distribution and lighting systems design, equipment refurbishing and/or relocation, preparation of project basic data and functional description, and other computer hardware/software applications using systems ranging from personal computers to mainframes.

We offer complete computer aided design and drafting services utilizing the latest software releases from AutoDesk and Bentley. With in-house specialists, we can provide services in Power House design, operation and maintenance; process systems design and installation; industrial machine design, installation, overhaul, checkout and startup.

REPRESENTATIVE LIST OF CLIENTS

Valero Energy Corp.

Ardmore, Oklahoma
Texas City, Texas

E.I. duPont de Nemours & Company, Inc.

Chattanooga, Tennessee
Old Hickory, Tennessee
Camden, South Carolina
Richmond, Virginia
Kinston, North Carolina
Brevard, North Carolina
Engineering Department - Wilmington, Delaware
Monterrey, Mexico
Izmit, Turkey

Invista

Chattanooga, Tennessee

Kordsa

Chattanooga, Tennessee

Brock and Brach Confectioners

Chattanooga, Tennessee

Planters/Lifesavers Company

Chattanooga, Tennessee

Signal Mountain Cement

Chattanooga, Tennessee

Moccasin Bend Waste Water Treatment Plant

City of Chattanooga
Chattanooga, Tennessee

Southern Yarn Dyers

Cartersville, Georgia

M&M Mars

Cleveland, Tennessee

Frito-Lay Inc.

Pulaski, Tennessee

Mini-Fibers Corporation

Harriman, Tennessee

Bendix Equipment

Cleveland, Tennessee

Athens Stove

Division of White Westinghouse
Athens, Tennessee

Roper Corporation

Rome, Georgia

Woodbridge Foam Fabricating

Chattanooga, Tennessee

GE Oil & Gas - CONMEC

Bethlehem, Pennsylvania

Hovensa Refinery

St. Croix, US Virgin Islands

Quaker Oats

Chattanooga, Tennessee

Coca Cola Bottling Company

Chattanooga, Tennessee

U.S. Pipe & Foundry

Chattanooga, Tennessee

Vision Industries

Chattanooga, Tennessee

Hixson Utility District

Hixson, Tennessee

FLR Hosiery

Chattanooga, Tennessee

Fluor-Daniel Inc.

Greenville, South Carolina

Day & Zimmerman International

Charlotte, North Carolina

Exxon Corporation, Carbon Fibers

Greenville, South Carolina

ABB Combustion

Chattanooga, Tennessee

Shaw Industries

Dalton, Georgia

Nabisco Foods

Chattanooga, Tennessee

Velsicol Chemical

Chattanooga, Tennessee

Conagra

Chattanooga, Tennessee

McKee Foods Corporation

Collegedale, Tennessee

Southeastern Mills

Rome, Georgia

KEY PERSONNEL

William R. Pickett, PE
Professional Engineer
President

Graduated Tennessee Technological University, BSEE 1970 with honors. Currently registered in nineteen states. Has thirty-nine years experience in design and installation of power and lighting systems, instrument control systems, process control systems, life safety systems and environmental systems. Proficient in short circuit and load study analysis. Fields of experience include pulp and paper, commercial, institutional and light manufacturing facilities. Also well versed in computer applications and control systems.

Jack W. Tarpley, PE
Professional Engineer
Vice President

Graduated from the University of Oklahoma, BSEE 1964 and University of Tennessee, MSEE 1972. Has forty-nine years experience in design, installation and maintenance of electrical systems in industry and the private sector. Background includes responsibility for all phases of design including basic data origination, electrical infrastructure expansions, primary and secondary distribution including substation distribution transformers, underground feeders, switchgear including main-tie-main design, medium and low voltage distribution and motor control at .480/2.3/4.16/12.47/13.8KV, lighting and heating systems, and miscellaneous electrical services. He is a recognized consultant in solid-state AC inverter motor speed control, DC motor speed control, and hazardous location electrical system design. Related experience involves design and implementation of process control instrumentation and environmental controls.

J. Alan Carmichael
I/C&E Engineering Specialist

Graduated from Auburn University, BSEE 1966, and MSEE 1967. Has forty-three years experience in the specification, design, installation, and start up of instrumentation control and electrical systems. Has led the electrical, instrument, and distributed control system (DCS) phases of multi-million dollar projects. Has specified and designed PLC and DCS systems for plants in both North America and Europe. Was responsible for evaluation, specification, and selection of the DCS system for EI DuPont's Lycra plant installations in the US and far east. Experience also includes low voltage power distribution design, variable frequency drive specification and design, and process control valve specification and design.

Ronald K. Bradbury
I/C&E Engineering Specialist

Graduated from Penn State, BSEE, and MSEE Penn State. Has forty-two years experience in the specification, design, installation, and start up of instrumentation control and electrical systems. Has led the electrical, instrument, and distributed control system (DCS) phases of multi-million dollar projects. Has specified and designed instruments and control systems for plants. Experience also includes low voltage power distribution design, instrument specification and design, and process control valve specification and design.

L.J. Tarpley

I/C&E Engineering Specialist

Graduated from the University of Tennessee, BSEE. Experienced in instrumentation and controls including check out and start-up of PLC systems, DCS systems, variable frequency drives, general electrical and instrumentation control wiring design and implementation. Also experienced in the design of motor controls at all voltage levels, cable tray systems design, lighting and power plans, instrument controls and specification. Has knowledge of Basic and Fortran programming languages.

J. Kyle Green

I/C&E Engineering Specialist

Graduated University of Tennessee, BS Engineering. Experienced in instrumentation and controls including check out and start-up of PLC systems, DCS systems, variable frequency drives, general electrical and instrumentation control wiring design and implementation. Experience in program development and implementation for Modicon and Allen Bradley programmable logic controllers interfacing with graphics system such as Wonderware, etc. to monitor and control both batch and continuous processes while generating reports for operators and engineers. Also has configuration experience with Honeywell TDC3000 DCS.

Justin D. Wood

I/C&E Area Engineer

Graduated Cum Laude from the University of Tennessee at Chattanooga December 2006; BSEE, passed the Fundamentals of Engineering exam October 2006. Power distribution switchgear and transformer design as well as enclosed bus feeders and cable tray systems design. Experienced in instrumentation and controls including check out and start-up of PLC systems, variable frequency drives, general electrical and instrumentation control wiring design and implementation, and high voltage transmission and distribution. Experienced in program development and implementation for Allen Bradley and General Electric programmable logic controllers to control both continuous and variable processes. Experienced in computer aided drafting using both AutoCAD and Microstation, as well as preparing performance reports based on raw field data.

P. Ross Owens

I/C&E Lead Designer

Experienced as an Electrical and Instrument designer in various phases of industrial applications including PLC's, motor control centers, variable frequency drives, power distribution, lighting, and operator control interface; a specialist in cable tray routing in congested areas. Accomplished CAD operator using Microstation and other computer aided design tools. Background experience includes seventeen years as an electrician and instrument technician. Trained and worked on multi-mode fiber optics systems including installation, splicing, and connector termination of various types and sizes of fiber optics. Experience also includes following several projects from design through field installation, checkout, and start-up.

Freeland Leffew

I/C&E Lead Designer

Experienced as an Electrical and Instrument designer in various phases of industrial applications including PLC's, motor control centers, variable frequency drives, power distribution, and lighting. Background experience includes over forty years as an electrician and instrument technician. Experience also includes following several projects from design through field installation, checkout, and start-up. Instrumentation and electrical turnaround resource including several instances in the Far East.

Gene Stoudt

I/C&E Senior Designer

Has forty years experience in heavy industrial design, installation, maintenance, and construction coordination. Also has extensive experience in power distribution as Distribution Specialist working with 50 MVA systems as well as power distribution maintenance including medium voltage motors. Supervised power distribution group for new installations and maintenance.

James F. Nelson

I/C&E Design/CAD Operator

Experienced as an Electrical and Instrument designer in various phases of industrial applications including PLC's, motor control centers, variable frequency drives, power distribution, lighting, and operator control interface. An experienced CAD operator in all phases of industrial applications including PLC's, DCS's, motor control centers, power distribution, and lighting. Proficient using Microstation, AutoCAD and other computer aided design tools. Experience also includes checkout and start up assistance with instrumentation and controls wiring.

Lillard Mosley

Senior Mechanical Designer

Has thirty-three years experience in design, fabrication, installation, and maintenance of mechanical equipment for technical experimental Polymer processes and Nylon production facilities as well as structural design experience. Proficient using Microstation and other computer aided design tools.