

SPECIALTY ENGINEERING
(A Partnership)

STATEMENT OF QUALIFICATIONS

JANUARY 25, 2019

SPECIALTY ENGINEERING
2114 E. WmJB Pkwy, Suite A
Bryan, Tx 77802
(979)774-0355

TABLE OF CONTENTS

ACKNOWLEDGMENTS	3
1. QUALIFICATIONS AND AVAILABILITY	5
STATEMENT OF INTEREST AND QUALIFICATIONS	5
AVAILABILITY AND COMMITMENT	5
HISTORY	6
ORGANIZATION	6
SPECIFIC QUALIFICATIONS	6
GEOGRAPHIC COVERAGE FOR SERVICES	8
2. BACKGROUND	10
NOT IN TRANSITION	10
NO LITIGATION	10
NOT IN DEFAULT	10
NO CONFLICTS OF INTEREST	10
NO INSURANCE CLAIMS	10
3. PERFORMANCE ON PAST REPRESENTATIVE PROJECTS	12
TEXAS A&M UNIVERSITY AND TAMU HEALTH SCIENCE CENTER	12
SYNFUELS INTERNATIONAL, INC.	12
BRAZOS COUNTY COURTHOUSE BUILDING	12
RESUMES	15
JOSEPH C. DIECKERT	16
DANIEL ALVARADO	18
EARL MILLSAP	20
TROY W. DIECKERT	22

ACKNOWLEDGMENTS

The management of Specialty Engineering acknowledges the importance of the Test, Adjust and Balance process to the successful completion of usable facilities and that it continues to devote its resources to successful operation of any facility it is given the opportunity to complete. Specialty Engineering also acknowledges the significant opportunities it has been given in the past and wishes to thank the individuals responsible for granting us these opportunities. Finally the difficulty of selecting good Test, Adjust and Balance contractors is also acknowledged and Specialty Engineering hopes the following contents will help make this selection process easier.

1. QUALIFICATIONS AND AVAILABILITY

1. QUALIFICATIONS AND AVAILABILITY

STATEMENT OF INTEREST AND QUALIFICATIONS

By virtue of this statement of qualifications, Specialty Engineering respectfully submits its interest in the performance of Test, Adjust and Balance. Specialty Engineering is certified by The National Environmental Balancing Bureau (NEBB) to perform balancing of air and hydronic systems and sound and vibration testing. Specialty Engineering is also certified by the State of Texas and Colorado Board of Professional Engineers to provide engineering services. Certification by these two agencies in addition to our long history of quality service to the Texas A&M University System and other entities exemplifies our interest and commitment to our clients and our profession.

As a certified member of the National Environmental Balancing Bureau our clients are assured the company has a good reputation, a staff that is highly trained and experienced in the field of Test, Adjust and Balance of HVAC systems, and is in possession of calibrated instrumentation required to perform the service to the NEBB standards. Note that all NEBB certified firms are examined and qualified on a biennial basis. All supervisors of those firms are thoroughly screened, tested, and annually educated by NEBB to obtain and maintain their certifications. With our current staffing, all TAB work will be supervised and/or performed by Joseph C. Dieckert. Additionally three other teams are available to assist and are headed by Daniel Alvarado and Troy Dieckert, all qualified TAB technicians. Resumes of these individuals are contained later in this document.

Certification by the Texas and Colorado State Board of Professional Engineers assures our clients a qualified and competent engineering staff is present and accepting the engineering responsibility for the work that is performed. All registered professional engineers are educated, tested, screened, interned and annually re-educated in order to obtain and maintain the status of a registered professional engineer.

Finally our location in the City of Bryan, Texas gives us rapid access to the main campus projects. This reduces our cost of services, provides for rapid response to project needs and generally facilitates successful and timely completion of projects.

AVAILABILITY AND COMMITMENT

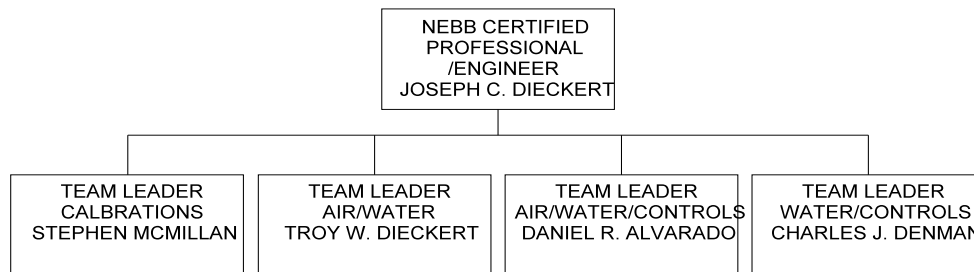
Specialty Engineering is available for any Test, Adjust and Balance project. Once granted a project, Specialty Engineering will provide the equipment, supervision and staffing required to successfully and timely complete the project.

HISTORY

Specialty Engineering was established in 1993 by T. Darlene and Joseph C. Dieckert to service the needs of public and private entities as an independent and impartial provider of Building Commissioning and Test Adjust and Balance Services. It quickly obtained NEBB certification, certification as a Woman Owned Historically Underutilized Business (HUB) and has subsequently grown to include a staff of six(8) full time and several part time employees. Specialty Engineering supports new and renovated commercial, institutional, and industrial clients. The company initially obtained projects due to the contacts and expertise of Joseph C. Dieckert. Now on our fifteenth year, Specialty Engineering has obtained a substantial clientele and has successfully completed over 1000 projects with a few projects consisting of dozens of buildings spanning more than a year per project. Specialty Engineering is currently expanding its operations to include an office location in Denver, Colorado in addition to our main office in Bryan, Tx..

ORGANIZATION

The Specialty Engineering projects organization is as follows:



SPECIFIC QUALIFICATIONS

Our firm is qualified to perform Test, Adjust and Balance services for the following reasons:

- ✓ We are local to the main campus and have extended knowledge of the central and satellite plants, existing buildings, various department personnel particularly the Energy Management and Physical Plant staff. We have performed balancing services for nearly all buildings on the main campus at one time or another over the last three decades.
- ✓ We possess the necessary equipment and trained staff.

- ✓ Our qualifications, certifications and education are continually expanded, renewed and verified. by third parties. We are legally bound by a recognized good code of ethics and good work practices.
- ✓ We have a history of providing quality service to the TAMU System.

GEOGRAPHIC COVERAGE FOR SERVICES

We provide most of our work within a 100 mile radius but will travel as needed to any location world wide. We have performed projects at the following TAMU locations in the past:

Texas A&M University - College Station
Prairie View A&M University - Prairie View
Texas A&M University - Corpus Christi
Texas A&M University - Commerce
Texas A&M International University - Laredo
West Texas A&M University - Canyon
Texas A&M University - Galveston

2. BACKGROUND

2. BACKGROUND

NOT IN TRANSITION:

Specialty Engineering is not currently for sale or involved in any transaction to expand other than standard marketing procedures. Also there are currently no plans to become acquired by another entity or individual. Specialty Engineering is NOT for sale.

NO LITIGATION:

There are no past or pending claims against Specialty Engineering. Specialty Engineering has never been the subject of or involved in any litigation other than to provide expert testimony.

NOT IN DEFAULT:

Specialty Engineering is not in default on any financial instrument nor with any entity nor has it ever been so in the past.

NO CONFLICTS OF INTEREST:

The two general partners, T. Darlene and Joseph C. Dieckert own Specialty Engineering in its entirety. They have no relationship to or interest in any Owner, Employee, Officer or Regent of the TAMU System.

NO INSURANCE CLAIMS:

There have been no general or professional liability insurance claims for the company by any team member in the past five years. Neither Specialty or its owners have ever been sued.

3. PERFORMANCE ON PAST REPRESENTATIVE PROJECTS

3. PERFORMANCE ON PAST REPRESENTATIVE PROJECTS

TEXAS A&M UNIVERSITY AND TAMU HEALTH SCIENCE CENTER

New and existing facilities Texas State Wide - Five Years

Controls Maintenance, Air/Water Re-Balance, Controls Commissioning and Inspections

Total Cost for All Phases=\$2,500,000.00

Project Size = Approximately 500 buildings and plants of new and existing construction.

We provided controls maintenance, controls commissioning, air and water re-balance and facility inspections with the primary goal of improving comfort and the secondary goal being a reduction of energy consumption. The owner's liaisons were Jim Riley, Executive Director for Utilities and Energy Services(979-220-9000), Les Williams, Director for Utilities and Energy Services(979-255-4384), Homer Bruner, Assistant Director for Utilities and Energy Services(979-777-5896) and Richard Hubacek, Manager of Utilities & Energy Services(979-571-8911). They may be contacted at their respective cell phone numbers listed after their job titles. This project was primarily the responsibility of Joseph C. Dieckert. This project was also managed by a dozen other employees, some that are no longer employed by Specialty Engineering except for Jason Denman, and Stephen McMillan. This project is an example of a range of services offered by Specialty Engineering for a higher education institution complete with central plants and nearly every type of HVAC system ever constructed. This project was managed from the Bryan, Tx. office.

SYNFUELS INTERNATIONAL, INC.

Specialty Gas Pilot Plant, Kurten, Tx.

Power and Controls Design, Installation and Commissioning

Project Size = 7000 square feet of indoor/outdoor Plant Facility

Total Cost for All Phases=\$3,500,000.00

We designed and installed plant electrical power system consisting of 1600A, 480V 3 Service. Designed, fabricated, installed, programmed and commissioned process control systems and redundant programmable logic controller safety shutdown and plant monitoring systems. The project was primarily the responsibility of Joseph C. Dieckert. A dozen other employees also managed many parts of the project but are no longer employed. The owner's liaison was Dr. Joel Cantrell, resident Chemical Engineer and primary process designer. He may be contacted at (979)778-2999. This project exemplifies our ability to sort out problems with control systems as related to the TAB process. This project was managed from the Bryan, Tx. office and a satellite site office. We have an on-going (15 year so far) business relationship with this client.

BRAZOS COUNTY COURTHOUSE BUILDING

Renovation of Existing Jail and Courthouse Facility, Bryan, Tx.

Air and Water Balance with Controls Commissioning.

Total Cost for All Phases = \$82,000.00

Project Size = 300,000 square feet

We provided the test, adjust and balance of the HVAC systems. The project was the responsibility of Joseph C. Dieckert and he was responsible for coordinating the day to day work. We contracted to Brazos County. Our liaison was Ernest Stutts, Director of Maintenance(979-412-0069). We have enjoyed a 10 year relationship with this client. This project was handled out of the Bryan office and is an example of Test, Adjust and Balancing projects for other state owned clients.

RESUMES

RESUMES

The resumes of key individuals scheduled to participate in TAMU project are on the following pages.

JOSEPH C. DIECKERT, P.E.
General Partner /Principal Engineer

Mr . Dieckert is Licensed, Certified and Responsible for complete systems design, balancing and commissioning for all types of HVAC systems. Has conducted air quality, energy utilization and operating cost studies for all types of buildings and complexes. Has conducted performance tests on air handlers, fans, duct systems, hydronic systems, chillers, boilers, compressors, pump and laboratories. Has handled lead MEP design responsibilities for many types of facilities.

Mr. Dieckert also has 24 years experience in all phases of electrical and control engineering for industrial, manufacturing, commercial and municipal facilities, including design engineering, project engineering, project planning, project coordination and system commissioning. Hands-on field experience includes construction monitoring and start-up assistance of electrical, control and HVAC systems. Mr. Dieckert is an engineer with a wide background covering all areas of electrical, controls and HVAC systems development and implementation.

Assumed lead electrical engineering responsibilities for several systems at a multimillion dollar plant revamp project. Projects included redesign of emergency generation configuration and tie-in systems, redesign and expansion of plant switchboards and MCCs, development of plant load schedules and diversity factors, area classifications studies, redesign of electrical motor and burner control systems, coordination, short-circuit and load flow studies, and general oversight of complete design effort.

Responsible for internal coordination of commercial software development for electrical systems sizing, simulation, design and construction cost estimating, coordination of protection devices, load and short-circuit analysis, voltage drop, cable ampacity, power factor analysis, lighting, motor starting, load profile, equipment loading, and electrical energy auditing. Has conducted numerous electrical systems studies for commercial and industrial facilities.

Designed and patented control systems for monitoring and control of laboratory air flow including prototype testing and problem resolution. Developed specialty testing devices for prototype development and production.

Systems design, installation and administration for secure corporate networks. Software engineering for analysis and interface development for digital logging, reporting and analysis system for performance monitoring on a large-scale installation of electronic airflow and temperature control systems components. Other experience and responsibilities include software engineering for database applications.

JOSEPH C. DIECKERT, P.E.
General Partner - Principal Engineer
(continued)

EDUCATION

B.S., Electrical Engineering, Texas A&M University, 1983
Mechanical Engineering Graduate Studies, Texas A&M University
Numerous NEBB Certification Seminars and Courses
Numerous Electrical Continuing Education Courses
Numerous Mechanical Continuing Education Courses

PROFESSIONAL LICENSES AND MEMBERSHIPS

Registered Professional Engineer, Texas No. 65108
Texas Class A Mechanical License TACLA018884C
National Environmental Balancing Bureau Certified TAB Supervisor #3128
NEBB Certified Sound and Vibration Testing Supervisor
NEBB Certified Commissioning Supervisor
NEBB Certified Retro-Commissioning Supervisor
NEBB Certified Clean Room Testing Supervisor
Licensed Master Electrician, State of Texas
Institute of Electrical and Electronic Engineers Member since 1980

PUBLICATIONS

"On-Site Chiller Testing," ASHRAE Journal, April, 1990; Dr. Swiki A. Anderson and
Joseph C. Dieckert
Building MEP designs, commissioning and engineering studies too numerous to list.

PATENT

Nonlinear Laboratory Airflow Control System, No. 5,205,783

DANIEL ALVARADO

Sr. Technician

Mr. Alvarado is a skilled HVAC balancing technician. He is also proficient in commissioning HVAC controls, primary and secondary air flow systems and constant and variable volume hydronic systems. He has 25 years experience as an air and water balancing technician.

Recent Projects as Lead Technician and/or Supervisor

Baylor Hospital, Dallas, Tx.
Baylor Hospital, Grapevine, Tx.
American Airlines, Ft. Worth, Tx.
Alcon Labs, Ft. Worth, Tx.
Presbyterian Hospital, Allen, Tx.
Geneva Pharmaceuticals, Broomfield, Co
Quest Diagnostics, Boulder, Co
Lockhead Martin, Boulder, Co
Battle Command Facility, Ft. Riley, Ks
Hale Barracks, Ft. Riley, Ks
Rooks Co. Hospital, Plainville, Ks.
Sedgwick Co. Juvenile Detention, Wichita, Ks
Lincoln Elementary School, McPherson, Ks
Heartland Hospital, St. Joseph, Mo.
Garden Park Elementary, St. Joseph, Mo.
Oak Grove Elementary, St. Joseph, Mo.
Allen Co. Regional Hospital, Iola, Ks
VA Medical Center, Kansas City, Mo
MS&T College, Rolla, Mo
Double Tree Hotel, Columbia, Mo

Training and Certifications

AABC Certified Test and Balance Engineer
Texas State Technical School, HVAC Certificate

CHARLES J. DENMAN

Tab Technician

Mr. Denman is a skilled HVAC balancing and repair technician. He is proficient in commissioning HVAC controls, primary and secondary air flow systems and constant and variable volume hydronic systems. He has 15 years experience as an HVAC and repair technician.

Recent Projects as a TAB Troubleshooting and Controls Technician

TAMU Thompson Hall, College Station ,Tx

TAMU Langford Architecture Building, College Station, Tx.

TAMU Mitchell Physics Building, College Station, Tx.

TAMU Halbouty Geosciences Building, College Station, Tx.

TAMU Reynolds Medical Sciences Building, College Station, Tx.

TAMU Blocker Building, College Station, Tx.

TAMU Melbern G. Glasscock Building, College Station, Tx.

TAMU Emerging Technologies Building, College Station, Tx.

TAMU Liberal Arts and Arts & Humanities Building, College Station, Tx.

TAMU Academic Building, College Station, Tx.

TAMU Veterinary Medical Sciences Building, College Station, Tx.

TAMU Borlaug Center for Southern Crop Improvement, College Station, Tx.

TAMU Memorial Student Center, College Station, Tx.

TAMU Horticulture/Forest Science Building, College Station, Tx.

TAMU Rudder Tower, College Station, Tx.

TAMU Reed-McDonald Building, College Station, Tx.

TAMU CE Office Building, College Station, Tx.

TAMU Veterinary Research Building, College Station, Tx.

TAMU Henderson Hall, College Station, Tx.

TAMU Evans Library, College Station, Tx.

TAMU Poultry Sci Nutrition & Phys., College Station, Tx.

TAMU Coke Building, College Station, Tx.

TAMU Military Sciences Building, College Station, Tx.

Training and Certifications

National Environmental Balancing Bureau Technician Training

Level 1 HVAC Certificate, Blinn College

Level IIA HVAC Service Technician Certificate, Blinn College

EARL MILLSAP
Sr. Technician

Mr Millsap is a skilled HVAC balancing and maintenance technician. He is also proficient in commissioning Siemens terminal unit controllers, primary and secondary air flow systems and constant and variable volume hydronic systems. He has decades of “hand on” mechanical and controls experience. He has been an employee of Specialty Engineering for 3 years.

Recent Projects as Lead Technician

Brazos County Exposition Center, Bryan, Tx.
TAMU Doherty Building 3rd Floor Labs, College Station, Tx.
TAMU Health Science Center Complex, Bryan, Tx.
TAMU Bright Athletic Facility, College Station, Tx.
TAMU Francis Hall, College Station, Tx.
TAMU Liberal Arts Building, College Station, Tx.
TAMU Emergency Operations Training Facility College Station, Tx.
PVAMU Goat Surgery Facility, Prairie View, Tx.
Capsher Technology, Inc. New Office Facility, College Station, Tx.
TAMU Mitchell Physics Complex, College Station, Tx.
TAMU McFerrin Athletic Facility, College Station, Tx.
St. Joseph Hospital LTACH Medical Services Facility, Bryan, Tx.
Universal Services Building, College Station, Tx.
TAMU Reed McDonald Building Renovation, College Station, Tx.
Texas Veterinary Medical Diagnostic Laboratory Renovation, College Station, Tx.
College Station Fire Department Facility, College Station, Tx.
TAMU Cain Residence Hall Renovation, College Station, Tx.
Brazos County Administration Building Renovation, Bryan, Tx.
Brazos Christian School Facility, Bryan, Tx.
Texas Veterinary Medical BSL3 Facility, College Station, Tx.
Bryan Independent School District Viking Stadium Field House
Integra Office Building, College Station ,Tx.
TAMU Lab Animal Research Facility, College Station , Tx.
Liberty Dialysis Medical Services Building, Bryan, Tx.
TAMU Reynolds Medical “Animal” Research Labs, College Station, Tx.
Davita Medical Clinic, College Station, Tx.
Texas Ear, Nose & Throat Medical Facility, College Station, Tx.
St. Joseph Hospital “Cath” Lab Facility, Bryan, Tx.
Brenham Medical Center, Brenham, Tx.
TAMU Reed McDonald Computing Services Center Renovation, College Station, Tx.
City of College Station Utilities Training Facility, College Station, Tx.
Adamson Pool Bath House, College Station, Tx.
City of College Station Police Department Building Renovation, College Station, Tx.
TAMU Peterson Building, Suite 216, College Station, Tx.
TAMU Traditions Facilities, Bryan, Tx.

College Station Independents Schools Rock Prairie and Oakwood Sools
TAMU Agriculture Soils Lab, College Station, Tx.
TAMU CMP Kennels Facilities, College Station, Tx.
TAMU Communications Center, College Station , Tx.

Training and Certifications

Texas Class “B” HVAC Mechanical License, 1996
Texas State Technical School, HVAC Studies
National Environmental Balancing Bureau Technician Training
NEBB Certified Technician

TROY W. DIECKERT
TAB Technician

Mr Dieckert is a skilled HVAC Test, Adjust and Balancing technician. He is proficient in commissioning fans, air handlers, terminal unit controllers, primary and secondary air flow systems and constant and variable volume hydronic systems. He has over ten years of TAB experience and currently being considered for a Senior TAB position due to his continued demonstration of competence in the TAB process. He has been an employee of Specialty Engineering for 10 years.

Projects as Lead TAB Technician

Chemistry Building 86 Wing, College Station, Tx.

Chemistry Building 28 Wing, College Station, Tx.

Chemistry Building 58 Wing, College Station, Tx.

Chemistry Building 32 Wing, College Station, Tx.

Projects as TAB Technician

TAMU Materials Research Building, College Station, Tx.

Jones Residence Hall, Canyon, Tx.

Cross Residence Hall, Canyon, Tx.

Columbia Medical Center, Houston, Tx.

Zion Church, Kurten, Tx.

Training & Education

National Environmental Balancing Bureau Technician Training