

SPECIALTY ENGINEERING
(A Partnership)

STATEMENT OF QUALIFICATIONS

April 29, 2014

SPECIALTY ENGINEERING
2114 E. WmJB Pkwy, Suite A
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April 29, 2014
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ACKNOWLEDGMENTS

The management of Specialty Engineering acknowledges the importance of the Commissioning and 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. INTEREST, GENERAL QUALIFICATIONS AND AVAILABILITY

1. INTEREST, GENERAL 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 services for any Commissioning or Test, Adjust and Balance project. Specialty Engineering is certified by The National Environmental Balancing Bureau (NEBB) to perform balancing of air and hydronic systems, sound and vibration testing, commissioning and retro-commissioning. 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 industry 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 other teams are available to assist and are headed by Earl Millsap, a highly qualified and certified technician.

Certification by the Texas and Colorado State Boards 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(9) 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 twenty first year, Specialty Engineering has obtained a substantial clientele and has successfully completed over 750 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 office locations in Houston, Austin, Dallas and Denver.

ORGANIZATION

The Specialty Engineering projects organization is as follows:

T. DARLENE DIECKERT

(Financial, Administrative, Recruiting,
51% Owner)



JOSEPH C. DIECKERT

(Technical, Project Management, ~~49~~
Owner)



STAFF

(Projects)

SPECIFIC QUALIFICATIONS

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

- ✓ We are local to our clients and have extended knowledge of most facilities in the vicinity.
- ✓ 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 industry.

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 locations in the past:

Texas
Wyoming
Colorado
Southern California
New York
Louisiana

2. ABILITY TO PROVIDE SERVICES

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NOT IN TRANSITION:

Specialty Engineering is not currently for sale or involved in any transaction to expand or become acquired by another entity.

NO CLAIMS:

There are no past or pending claims against Specialty Engineering.

FINANCIALLY SOUND:

Specialty Engineering is not in default on any financial instrument nor with any entity.

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 any other entity.

NO INSURANCE CLAIMS:

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

3. PAST PERFORMANCE

3. PROJECT EXAMPLES

ST. JOSEPH CHRISTUS HOSPITAL

New Ambulatory Hospital Facility, Houston, Tx.

Design Review, Air/Water Re-Balance and controls commissioning.

Project Size = 150,000 square feet of new construction.

We provided a re-balance and controls commissioning of critical HVAC systems to enhance operating room cleanliness and to prevent mold growth. We served also as an expert witness for the owner. The project was the responsibility of Joseph C. Dieckert and he was responsible for coordinating the day to day work. The owner's liaison was Bill Coltzer, President of Zero Six Consulting. He may be contacted at (409)740-0090. The general contractor was Turner Construction. The general contractors liaison was not present during our work as his company was being sued for negligence due to numerous construction and mold growth issues. This project is an example of a typical full service hospital complete with stand alone centrifugal chiller, variable speed hydronic and HEPA filtered constant speed air flow systems. 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

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 programable 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 except for Christopher J. Dieckert. 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 had a 10 year business relationship with this client.

METHODIST HOSPITAL

New hospital in Sugarland, Texas

Quality control mechanical and electrical inspections, duct tests and environmental monitoring for the owner.

Project Size = 300,000 s.f.(six floors)

We provided quality control services to the owner as consultants to Zero Six Consulting. The work included construction inspections of the MEP systems and temperature and humidity

control monitoring during construction. The project was the responsibility of Joseph C. Dieckert. The owner's liaison was Bart Tate of Zero Six Consulting. He may be contacted at 409-740-0090. We have had a 15 year business relationship with this client. This project was managed from the Bryan office and a temporary site office in Sugarland, Tx.

BRAZOS COUNTY DETENTION FACILITY

County Prison Expansion, Bryan, Tx.

Air and water balance without controls commissioning.

Project Size = 30,000 square feet of new construction.

We provided the test, adjust and balance of the HVAC systems without controls commissioning.

The project was the responsibility of Jarrod L. Modrall and he was responsible for coordinating the day to day work. The owner's liaison was Jimmy Waller with Greenway Construction, Inc..

He or his manager Steve Byrne can be reached at 979-690-1676. The General Contractor was Turner Construction whose primary liaison was David Myers. He should be able to be reached at 979-690-1676. We had previously been employed by mechanical sub-contractors on other Brazos County projects over the last 5 years but were granted the privilege of contracting directly to Brazos County on this project. This project was managed from the Bryan, Tx. office.

BRAZOS COUNTY ADMINISTRATION BUILDING

Church Conversion to Administration Offices Renovation

Air and Water Balance without Controls Commissioning.

Project Size = 30,000 square feet

We provided the test, adjust and balance of the HVAC systems. The project was the responsibility of Earl O. Millsap and he was responsible for coordinating the day to day work.

We contracted to the mechanical sub-contractor, C&S Air-Conditioning. We had no owner liaison though we would later be hired directly by the county on future projects. Our project liaison was Charles Shrimpton and he can be reached at (979)-218-7777. We have enjoyed a 15 relationship with this client. This project was handled out of the Bryan office.

BRISTOL MYER SQUIBB

Pharmaceutical Production Facility - Syracuse, NY

Air and Water Balance, Controls Commissioning and Clean Room Certification

Project Size = 20,000 square feet

We provided the test, adjust and balance of the HVAC systems, controls commissioning and clean room certification. The project was the responsibility of Joseph C. Dieckert under the direction of Clyde Harvey, owner of Systems Commissioning Specialists and he was responsible

for coordinating the day to day work. We contracted to the System Commissioning Specialists, Inc. . Clyde Harvey was the owner liaison and he can be reached at (570)-815-3994. We have enjoyed a 20 relationship with this client. This project was handled out a field office in Syracuse, NY.

JONES AND CROSS RESIDENCE HALLS

West Texas A&M University, Canyon, Tx.

Air/Water Balance and Controls Commissioning.

Project Size = 120,000 approximate square feet of renovated construction.

We provided the test, adjust and balance of the HVAC systems as well as controls commissioning. The project was the responsibility of Joseph C. Dieckert and he was responsible for coordinating the day to day work. The owner's liaison was Richard Wagner, Mechanical Inspector but is no longer employed. This project is an example of a typical university high rise dormitory complex complete with stand alone constant volume air conditioning, campus loop fed variable speed hydronic and constant speed air flow systems.

TEXAS A&M HEALTH SCIENCE CENTER COMPLEX

Texas A&M Health Science Center, Bryan, Tx.

Air/Water Balance and Controls Commissioning - Teaching Building, Lab Building and Plant

Project Size = 250,000 approximate square feet of new construction.

We provided the test, adjust and balance of the HVAC systems as well as controls commissioning. The project was the responsibility of Joseph C. Dieckert and he was responsible for coordinating the day to day work. The owner's liaison was Richard Lynn, Mechanical Engineer. He can be reached at (979)450-6621. This project is an example of a typical modern university high rise medical teaching and research complex complete with labs, vivarium, BSL3 areas, central plant, offices and classrooms.

4. ABILITY TO IDENTIFY AND RESOLVE PROBLEMS

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ADMINISTRATIVE CHALLENGES

The administrative challenges are as follows:

A. Dissemination of the punch list items to the appropriate parties for resolution in a timely manner both engineering and construction related: Our strategy for overcoming this challenge is to provide weekly punch lists as the project progresses to inform our liaison as soon as the problems are identified. We also copy this information to whoever we feel are the appropriate parties if given permission by our liaison.

B. Obtaining resolution to problems identified: Punch list item resolution is often delayed by difficulties in determining the appropriate responsible party, ie. everyone "points the finger" at someone else or it is simply not clear who is the responsible party. This is the most time consuming problem we encounter during our work. Our strategy for overcoming this challenge is to clearly identify the problem in writing, state who we believe to be the responsible party if not clear, propose a reasonable solution engineering or otherwise and to make ourselves available for meetings and field demonstrations of the problem if required. Another strategy we use is to actually resolve the problem ourselves if we feel it is in the most expedient course of action.

C. Successfully combining the practical with the theoretical: There is probably no greater administrative challenge than this. We are generally limited in our ability to ward off problems caused by the impractical application of engineering solutions on projects. We have, however, achieved the training and certifications required to provide design phase commissioning services should the opportunity present itself on projects.

CRITICAL ISSUES FOR PROVIDING TESTING SERVICES:

This item applies to the overall successful completion of a properly "working" facility. Absolutely the most critical issue is the successful commissioning of the HVAC controls systems. No properly tested, adjusted and balanced system will perform as intended without the proper operation of the controls. Other issues may be important but are secondary in our experience. Specialty Engineering overcomes this issue by providing controls commissioning to some degree on all Test, Adjust and Balance projects. Secondary issues include the proper application of the instrumentation used to take measurements, the willingness of the testing firm to facilitate problem resolution and the knowledge, experience and integrity of the workers performing the work.

SCOPE AND PRICING

Our proposals simply state the price and that the work will be performed in accordance with the

requirements specified in the contract documents. We can not envision a simpler form than this.

PROJECT CONFLICTS

We have had many conflicts on projects. A few of these and their resolutions are as follows:

McFerrin Athletic Center: The controls vendor did not originally provide access to the serial BAC-Net data provided by the integral air handler controllers and the integral air handler controls did not perform as designed. We resolved these issues by stating these on project observation reports and verified the resolutions were complete. We did not ask for nor did we receive any extra funding for accomplishing this.

Mithcell Physics Building: This was probably the most complicated building we had ever tested. As such we found many specified control scenarios that did not function as intended. We identified these items and worked with the engineer and the controls vendor to modify the sequences so the final building operation would be as intended. We did not ask for nor did we receive any extra funding for accomplishing this.

Other Projects: The history with one particular client, Brazos County, originally was through mechanical-subcontractors. We were not appreciated by the Engineer, the General and Mechanical contractors as our constant identification HVAC systems problems generally lead to reduced profits for them, the engineers and us. Nevertheless our instance on not withholding these comments from our final reports lead to the problems being rectified usually with no additional cost to the owner. This policy eventually earned us the privilege of contracting directly to Brazos County as stated previously.

RESUMES

RESUMES

The resumes of key individuals scheduled to participate in TAMU project are on the following pages. All are technicians except Karl Lerche who is a new hire have been employed by the firm for an extended period of time.

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 30 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
Registered Professional Engineer, Colorado No. 44106
Texas Class A Mechanical License TACLA018884C
National Environmental Balancing Bureau Certified TAB Supervisor
NEBB Certified Commissioning Supervisor
NEBB Certified Sound and Vibration Testing Supervisor
NEBB Certified Retro-Commissioning Supervisor
Licensed Master Electrician, State of Texas and Colorado
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

EARL MILLSAP
Sr. Technician

Training and Certifications

Texas Class “B” HVAC Mechanical License, 1996

Texas State Technical School, HVAC Studies

National Environmental Balancing Bureau Technician Training

NEBB Certified TAB Technician

NEBB CERTIFICATES

Exp. March 31, 2018

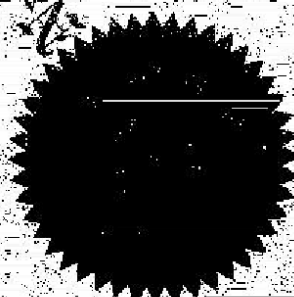
Specialty Engineering

No. 3128

NEBB Cert. No.

NATIONAL BOARD OF
CERTIFICATION
NEBB
Specialty Engineering
Bryan, TX

NATIONAL BOARD OF
CERTIFICATION



REQUIREMENTS FOR RENEWAL OF NEBB
CERTIFICATION IN THE FOLLOWING SPECIALTY

Hydraulic Systems

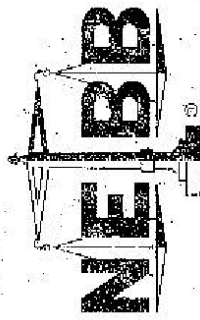
IS:

HAS MET ALL
REQUIREMENTS FOR RENEWAL OF NEBB
CERTIFICATION

FOR THE BOARD OF DIRECTORS

Signature of Board Director
Signature of Applicant
Signature of Elect

National Environmental Balancing Bureau



Recertification

THIS IS TO CERTIFY THAT

Specialty Engineering

in Bryan, TX

HAS MET ALL REQUIREMENTS FOR RENEWAL OF NEBB
CERTIFICATION IN THE FOLLOWING DISCIPLINE

Sound & Vibration Measurement

Exp. March 31, 2016

Specialty Engineering/TX

No. 3128

NEBB Cert. No.

FOR THE BOARD OF DIRECTORS:

R. Zander

President

James H. H.

President-Elect

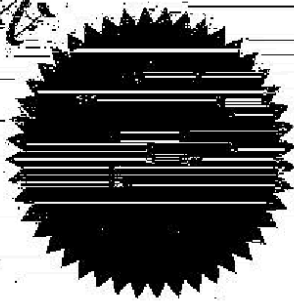
Specialty Engineering/IT

No. 3128

NEBB Cert. No.

Testing Bureau

INTERNATIONAL BOARD OF
NATIONAL ENGINEERING
BUREAUS



VAL OF NEBB
DISCIPLINE

Specialty Engineering
in System TX

BOARD OF DIRECTORS:

HAS MET ALL REQUIREMENTS FOR
CERTIFICATION IN THE FOLLOWING

Building Systems Comm.

President

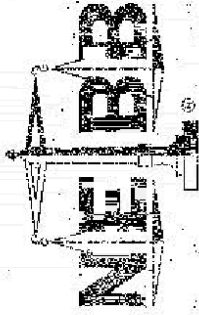
President-Elect

Exp. March 31, 2016

NEBB Cert. No.

President Elect

NATIONAL ENVIRONMENTAL BALANCING BOARD



Certification

THIS IS TO CERTIFY THAT

Specialty Engineering

in Bryan, TX

HAS MET ALL REQUIREMENTS FOR RENEWAL OF NEBB
CERTIFICATION IN THE FOLLOWING DISCIPLINE

Retro-Commissioning

RECTORS:

FOR THE BOARD OF C.E.

March 31, 2016

Specialty Engineering/TX

3128

R. J. [Signature]
President

[Signature]

