

JOSEPH E. GREENAWALT, PE

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I CAN HELP A LITTLE OR HELP A LOT. LET'S TALK!

CURRENT SERVICE

Consulting Facilities Mechanical Engineer/Project Manager—providing facility engineering and project management services to Lockheed Martin at the Aeronautics plant in Fort Worth (White Settlement), TX.

LICENSE:

Professional Engineer, Mechanical, 1997—Texas #83141, 1985—Ohio #E48965

QUALIFICATIONS SUMMARY

Over 30 Years Experience in Facilities Mechanical Engineering and Management

- > Military, University and Commercial Facilities Design, Construction, Operations and Maintenance
 - > Production Plants: Manufacturing, Steam, Chiller, Cogeneration, Water Treatment, Waste Water
 - > Systems: Chemical Water Treatment, Side-Stream Filtration, Water Softening/De-alkalizing, Condensate Polishing, Ash Handling, De-aeration, Industrial Ventilation, Emission Controls, HVACR, IAQ, MEP, Heat Recovery, Humidification, Dehumidification
 - > Critical Facilities: Data Centers, CCC, SQ OPS, Weapons, Decontamination, Manufacturing, Production, Mobile, etc...
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TECHNICAL EDUCATION

- > Bachelor of Science Degree in Mechanical Engineering, majored in Manufacturing and Automatic Controls--Ohio State University
 - > Associate in Science Degree in Mechanical Engineering, Technology--Kent State University
 - > Associate in Applied Science Degree in Instrumentation, Technology--Community College of the Air Force
 - > 31st World Energy Engineering Congress (Also a Presenter)
 - > Engineering and Commissioning High-Tech Green Buildings
 - > AFIT Education With Industry--Energy Management
 - > HVAC Design, Air Force Institute of Technology
 - > IAQ Indoor Air Quality
 - > Testing and Balancing Air & Hydronic Systems
 - > Process Plant Reliability
 - > ASME PD 115 The Gas Turbine: Principles & Applications
 - > Basics of the Natural Gas Industry
 - > Lightning Protection, Grounding and Bonding
 - > Uniform Federal Accessibility Standards (UFAS)
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MANAGEMENT EDUCATION

- > Cause Mapping—Effective Root Cause Analysis
- > APPA Institute for Facilities Management
- > Managing Managers - M. J. Neely School of Business (TCU)
- > Achieving the Competitive Edge with Customer Service - AMA
- > How to Put Your Business Plan into Action - AMA
- > Using Quality Improvement Tools - AMA
- > How to Write A Business Plan - AMA
- > Marketing Plan - AMA
- > Getting Results with Time Management - AMA
- > AFIT Operations Management Course
- > AFIT Education With Industry - Energy Management
- > USAF Squadron Officer School
- > AFIT Contract Management
- > USAF Officer Training School
- > USAF NCO Leadership School

AWARD WINNING COMPETENCIES ACHIEVING EXCELLENT RESULTS

- > Energy Management
- > Lead diverse work forces
- > Improve systems and processes
- > Quality improvement
- > Conflict resolution
- > Planning & scheduling
- > Develop policies & procedures
- > Equipment & asset management
- > Manage design & construction
- > Contract administration
- > Program development and management
- > Customer relations
- > Create dissatisfaction with status quo
- > Maintenance

SELECT AWARDS AND RECOGNITION

- > DynPar EXCEL Award for Excellence in 2004
 - > Central Texas Better Business Bureau Torch Award for Marketplace Ethics 2000
 - > Association of Energy Engineers Energy Project of the Year 2000
 - > Air Force Installation Excellence Award 1992
 - > 10-Month Scholarship to Education With Industry in Energy Management 1984
 - > Chief of Staff Award, Squadron Officers School 1983
 - > Full Scholarship, Ohio State University 1977-1979
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SOFTWARE APPLICATIONS

- > Use Microsoft, Corel and/or Lotus office software (word processing, spreadsheet, and graphics)
- > Use local area network, internet software and MS Windows applications (XPP, ME, NT...)
- > Use Microsoft FrontPage and Microsoft Expression Web
- > Use MS Project and many other professional applications software
- > Use RS Means and CostWorks software for cost estimating
- > Familiar with Microsoft Access and other database management programs
- > Functional with Bentley ProjectWise and MicroStation, familiar with DataCAD 9 and less familiar with AutoCAD

CAREER SUMMARY

- > 8 years--Consulting Engineer | Manager
- > 7 years--Assistant Director & Director of Physical Plant
- > 1.5 years--Chief of Operations and Maintenance
- > 5.5 years--Energy Engineer/Manager, Program Manager
- > 6 years--International Engineering Program Management, Europe
- > 4.5 years--Utilities and Services
- > 2 years--R&D Systems Facilities Engineer
- > 3 years--Design Mech. Engineer and Project/Contract Manager
- > 1.5 years--Facilities Construction Program Manager
- > 5 years--Technical Instructor/Technician (7-level), U.S. Air Force Avionics Aerospace Ground Equipment

PROJECT ENGINEERING AND MANAGEMENT

- > Computer and Communication Facilities
 - > Top Secret Classification Meeting Facilities
 - > A-10 Support Facilities
 - > HVAC w/MEP and Energy Management and Control Systems
 - > Steam And Hydronic Heating
 - > Water Treatment
 - > Power Plants
 - > Stationary Equipment Replacement
 - > Demolition
 - > Utility Distribution Systems
 - > Office Facilities
 - > OSHA Chromium VI Compliance
 - > OSHA Falling Object/Fall Protection
 - > Electronic Maintenance Facilities
 - > Nuclear Weapon Maintenance And Storage Facilities
 - > Survivable Command And Control Facilities
 - > Aircrew Decontamination Facilities
 - > Electronic Surveillance Facilities
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PROGRAM MANAGEMENT

- > A-10 Bed Down Support Facilities
- > Air Launched Cruise Missile Facilities
- > Offensive Avionics System Support Facilities
- > Nuclear Weapon Depot Security Systems
- > USAFE Facility Energy Conservation
- > Critical Facilities And Systems O&M
- > US-FRG Wartime Host Nation Support
- > Power Plant Improvements
- > Utility Infrastructure Improvement
- > Energy Conservation Investment

WRITTEN COMMUNICATIONS

I have had many successes, some which are listed below.

- > Bidding Documents
 - > Technical Writing
 - > Decision Packages
 - > Policy Letters
 - > Proposals
 - > Statements of Work (SOWs)
 - > Requests for Proposals (RFPs)
 - > Custom Graphics
 - > Articles for magazines and newsletters
 - > Monthly Bulletins (Safety, Recognition, Projects...)
 - > Operational, Tactical and Strategic Planning
 - > Employee Recognition/Nominations for Awards
 - > Motivational Presentations and Communications
 - > Papers and presentations for national conferences
 - > Dashboards and other MS Excel graphics
 - > Process/Cause Mapping
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ENGINEERING/POST MILITARY WORK HISTORY

- > 3/09 – Present, **Consulting Facilities Engineer/Project Manager**
HI-TEC Associates, Inc., Fort Worth, TX
Reliability Maintainability, MEP/HVAC, (various clients)
- > 8/08 – Present, **Consulting Facilities Mechanical Engineer/Manager:** Facilities, Energy, Reliability Maintainability, MEP/HVAC, (various clients)
- > 9/06 – 8/08, **Energy, Reliability and Engineering Tech Program Manager**
Grubb & Ellis Management Services, Dallas, TX
- > 3/02 – 5/06, **VP/Chief Engineering Services and Energy Management**
Computer Sciences Parsons (DynPar) Tinker AFB, OK
- > 5/01 – 1/02, **Sr. Mechanical Engineer (VII)** – NISC Team – NAS Implementation Support Contract, Lockheed Martin Information Support Services, fort Worth, TX
- > 12/00 – 1/01, **Director of Physical Operations**, Dallas Baptist University, Dallas, TX
- > 9/97 – 11/00, **Energy Engineer**, Waco Construction, Inc., Baylor University, Waco, TX
- > 2/97 – 8/97, **Electronics Instructor** – Consumer Electronics Department, Education America, Fort Worth, TX
- > 6/96 – 12/96, **Director of Utilities** – Physical Plant Department, Indiana University, Bloomington, IN
- > 1/93 – 6/96, **Director of Mechanical Systems** – Physical Plant Department, Texas Christian University, Fort Worth, TX

OFFICER/ENGINEER WORK HISTORY

- > 8/91 – 1/93, **Chief of Operations**
U.S. Air Force, 97th Civil Engineering Squadron, Altus AFB, OK
- > 6/89 – 7/91, **Chief of Utilities and Services**
U.S. Air Force, 86th Civil Engineering Group, Ramstein AB, GE
- > 12/87 – 6/89, **Program/Project Manager**
U.S. Air Force, HQ Seventeenth Air Force/XPW, Sembach AB, GE
- > 7/85 – 12/87, **Staff Mechanical Engineer** – Directorate of Operations and Maintenance
U.S. Air Force, HQ U.S. Air Force in Europe, Ramstein AB, GE
- > 8/84 – 6/85, **Energy Officer** – Energy Process Systems Evaluation Services,
Eastman Kodak Co, Rochester, NY, AF Institute of Technology
- > 4/82 – 7/84, **R&D Systems Facilities Engineer** – Aeronautical Systems Division – Air Force Systems Command U.S. Air Force, Wright-Patterson AFB, OH
- > 12/79 – 3/82, **Mechanical Engineer/Contract Manager**
U.S. Air Force, Alaskan Air Command, Eielson AFB, AK

Work History Details Are Available Online at

http://www.jegpe.com/work_history.htm
