

**THOMAS L. PAXSON, P.E.**  
**PAX-SUN ENGINEERING, INC.**

3913 South Chestnut  
Lufkin, TX 75901

(936) 634 - 6671 (W) - (936) 465 - 7046 (C) - (936) 634 - 6336 (H)

[tlp@pax-sun.com](mailto:tlp@pax-sun.com)

February 1, 2016

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O B J E C T I V E

PROVIDE INFORMATION FOR SELECTION AS PROVIDER OF PROFESSIONAL SERVICES.

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S U M M A R Y O F Q U A L I F I C A T I O N S

**PROFESSIONAL ENGINEER - MECHANICAL & ELECTRICAL**

**DESIGN AND CONSTRUCTION**

**CONTROL SYSTEMS DESIGN AND APPLICATION**

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W O R K E X P E R I E N C E

**PAX-SUN, INC. & PAX-SUN ENGINEERING, INC.**  
LUFKIN, TX 75901

TITLE - PRESIDENT

*1978 - Present*

DUTIES - CHIEF EXECUTIVE OFFICER AND ENGINEER

PAX-SUN, INC. IS A FULL SERVICE HVAC COMPANY WITH OFFICES IN LUFKIN AND NACOGDOCHES, TX. A SHEET METAL FABRICATING SHOP IS OPERATED AT THE LUFKIN LOCATION. PAX-SUN, INC. IS AN AMANA DEALER AND ALSO A NOVAR "LOGIC ONE" BUILDING MANAGEMENT SYSTEMS DEALER, INSTALLING DIRECT DIGITAL CONTROLS IN COMMERCIAL BUILDINGS. THE COMPANY IS NOW PRIMARILY IN THE SERVICE BUSINESS WITH A VOLUME OF APPROXIMATELY \$1,100,000.00 BUT HAS BEEN HEAVILY INVOLVED IN DESIGN-BUILD COMMERCIAL/INDUSTRIAL CONSTRUCTION WITH ANNUAL VOLUMES EXCEEDING \$1.25 MILLION. SINCE 1992, ENGINEERING CONSULTING SERVICES HAVE INCREASED TO APPROXIMATELY THIRTY FIVE PERCENT OF PAX-SUN'S VOLUME. PROJECTS INCLUDE INSTITUTIONAL, INDUSTRIAL, AND COMMERCIAL HVAC AND ELECTRICAL DESIGN, COMPUTER POWER WIRING, CORRECTIONAL FACILITY HVAC AND PLUMBING DESIGN, AND HISTORICAL RESTORATION.

**U. S. STEEL CORPORATION, PITTSBURGH, PA 15230**  
TEXAS WORKS, BAYTOWN, TX

1975 - 1978

TITLE - FIELD ENGINEER, CONSTRUCTION

DUTIES -- PERFORMED FIELD MECHANICAL AND ELECTRICAL ENGINEERING FUNCTIONS FOR FACILITY CONSTRUCTION AND SUPERVISED UNION CONTRACTORS IN THE ERECTION AND START-UP OF 2-76" CONTINUOUS CASTERS WITH ASSOCIATED PIPING, RUN-OUT EQUIPMENT AND 325-TON LADLE ROTATORS, SIXTEEN EOT CRANES INCLUDING BOTH MECHANICAL AND ELECTRICAL EQUIPMENT, FOUR 2500 HP INDUCE DRAFT FANS ON A TWENTY CHAMBER BAGHOUSE, TWO MARLEY COOLING TOWERS WITH ASSOCIATED PRESSURE FILTERS, SCALE PITS AND PUMPS.

**U. S. STEEL CORPORATION, PITTSBURGH, PA 15230**  
FAIRLESS WORKS, FAIRLESS HILLS, PA

1972 - 1975

TITLES - MAINTENANCE FOREMAN, 80" HOT STRIP MILL  
SLAB YARD FOREMAN  
MANAGEMENT TRAINEE.

DUTIES - SUPERVISED MAINTENANCE AND PRODUCTION PERSONNEL.

**E. I. DUPONT DE NEMOURS AND Co. INC., WILMINGTON, DE**  
CHAMBERS WORKS, DEEPWATER, NJ

1968 - 1968

TITLE - MAINTENANCE ENGINEER

DUTIES - ESTABLISHED A COMPUTERIZED RECORD SYSTEM FOR MAINTENANCE PARTS.

**U. S. STEEL CORPORATION, PITTSBURGH, PA**  
FAIRLESS WORKS, FAIRLESS HILLS, PA

1967 - 1967

TITLE - TECHNICAL ASSISTANT TO ROLLING DIVISION ASST.  
SUPERINTENDENT.

DUTIES - COORDINATED THE REHABILITATION OF THE 21" BILLET MILL.

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M I L I T A R Y   E X P E R I E N C E

**U. S. ARMY CORPS OF ENGINEERS**

*1969 - 1972*

HIGHEST RANK - CAPTAIN

PRIMARY DUTY – MECHANICAL ENGINEER

ENGINEER PLATOON LEADER AND STAFF OFFICER, U. S. ARMY EUROPE AND SEVENTH ARMY, V CORPS, FRG.

MECHANICAL ENGINEER, KWAJALEIN, MARSHALL ISLANDS, SUPERVISING AND INSPECTING THE INSTALLATION OF MECHANICAL EQUIPMENT IN SUPPORT OF THE SAFEGUARD CONSTRUCTION PROGRAM, INCLUDING APPROXIMATELY 2000 TONS OF CENTRAL AIR CONDITIONING, A 250,000 GPD SALT WATER DISTILLATION PLANT, AND FIRE ALARM AND EXTINGUISHING DEVICES.

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E D U C A T I O N

**LEHIGH UNIVERSITY**  
BETHLEHEM, PA

*1967 - 1969*

DEGREE - MASTER OF SCIENCE IN MECHANICAL ENGINEERING  
THESIS - "AN EXPERIMENTAL INVESTIGATION OF THE VELOCITY AND HEAT GENERATION CHARACTERISTICS OF A FIXED BOUNDARY FRACTURE MODEL."

ADVISOR - DR. ROBERT A. LUCAS  
DEGREE GRANTED - JUNE 11, 1969

**UNIVERSITY OF DELAWARE**  
NEWARK, DE

*1963 - 1967*

DEGREE - BACHELOR OF MECHANICAL AND AEROSPACE ENGINEERING  
DEGREE GRANTED - JUNE 11, 1967

**OCTORARA AREA HIGH SCHOOL**  
ATGLEN, PA

*1958 - 1963*

GRADUATED JUNE 1963

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## A W A R D S

NSPE – FELLOW MEMBER (2004)

TSPE – TEF: DISTINGUISHED ENGINEER OF THE FOUNDATION  
(2002) ; PINEY WOODS CHAPTER: YOUNG ENGINEER  
OF THE YEAR

U. S. ARMY - ARMY COMMENDATION MEDAL

LEHIGH UNIVERSITY - NDEA FELLOWSHIP

UNIVERSITY OF DELAWARE - DISTINGUISHED MILITARY STUDENT,  
VARSITY LETTER (SWIMMING)

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## A C C R E D I T A T I O N S

REGISTERED PROFESSIONAL ENGINEER, TEXAS No. 57556

LICENSED AIR CONDITIONING CONTRACTOR, TEXAS No. TACLA000693C

UNIVERSAL TECHNICIAN - EPA / 40 CFR PART 82, SUBPART F

PRIVATE PILOT, AIRPLANE, SINGLE ENGINE, LAND, INSTRUMENT RATED

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## P R O F E S S I O N A L M E M B E R S H I P S

ASHRAE – LIFE MEMBER, CHAIRMAN 180 STANDARD COMMITTEE

ASME - MEMBER

NSPE – FELLOW MEMBER, PEC – CHAIRMAN (2011 – 2013)

TSPE – PAST PRESIDENT, PAST NATIONAL DIRECTOR, PAST REGION II  
VICE PRESIDENT / PAST PRESIDENT - PINEY WOODS CHAPTER,  
AND PAST STATE DIRECTOR - PINEY WOODS CHAPTER

ACCA - MEMBER

TACCA - MEMBER / PAST PRESIDENT

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## C O M M U N I T Y A C T I V I T I E S

FIRST UNITED METHODIST CHURCH, LUFKIN, LAY LEADER, TEACHER

LUFKIN ROTARY CLUB; PAST-PRESIDENT (2000-2001)

ANGELINA COUNTY CHAMBER OF COMMERCE – PAST BOARD MEMBER,  
SCIENCE FAIR CHAIRMAN (1998-2001), LEADERSHIP LUFKIN GRADUATE  
(1980). VOLUNTEER COORDINATOR – TEXAS FOREST FESTIVAL

PINEY WOODS EAA 1219, PRESIDENT 2009, YOUNG EAGLE PILOT,

THE ALCOHOL & DRUG ABUSE COUNCIL; BOARD MEMBER

CROWN COLONY COUNTRY CLUB

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## R E F E R E N C E S

ROGER SANDERS, AIA (936) 699-7501

ROBERT MALY, P.E. (903) 663-6661

STEVE WICK, P.E. (903) 675-7558

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