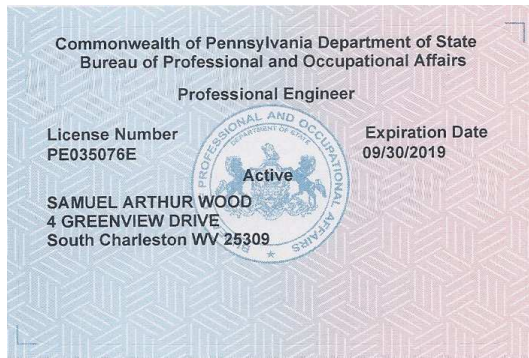


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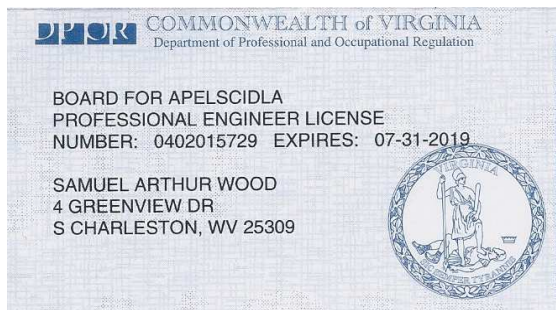
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Home Inspector Certification**



**Membership in the National Society
of Professional Engineers**



**Membership in the American
Society of Civil Engineers**



SAMUEL ARTHUR WOOD, MSCE, PE

Updated as of January 7, 2019

OFFICE ADDRESS

Sam Wood Engineering, PLLC

4 Greenview Dr.

South Charleston, WV 25309

(304) 768-1518 FAX (304) 768-5470

E-Mail Address: Sam@SamWoodEng.com

WEB Page: SamWoodEng.com

OBJECTIVE

To excel in providing Timely, Quality, Impartial, and Professional **Forensic Engineering** Inspections of the physical structure and components of a home and commercial structure by a Registered Professional Engineer; Provide **Residential Structural Inspections** for structural stability & adequacy, Prepare structural repair designs when required, & provide repair oversight with final stamped PE letter; Provide **Expert Consultant Services** for potential litigation; and Provide **Commercial Inspections** Structural Inspections and Assessments. Inspect for **Permanent Foundations on Mobile Homes** to the standard provided by HUD's Permanent Foundation Guide for Manufactured Housing, dated Sept. 1996.
Work with the State of West Virginia Agencies to promote the Professionalism and Ethics of Registered Professional Engineers & Home Inspectors.

**EDUCATION-
UNIVERSITY**

●**Stanford University:** Stanford, Palo Alto, California 94305

Masters of Science in Civil Engineering, Jun-1980

Major: Civil Engineering

●**The Pennsylvania State University, University Park, Pennsylvania 16802**

Bachelors of Science in Mathematics; Minor: Biology Jun-1972

President: Student Government Association- 1970

Commander of ROTC Cadets: Rank of Cadet Lieutenant Colonel- 1970

Vice President: Organization of Student Governments- 1971

Skull & Bones Honor Society- Initiated 1972

●**The Pennsylvania State University, Ogontz Campus**, Abington PA, 19001

Associates Degree in Electrical and Electronical Technology, Jun-1969

PROFESSIONAL SKILLS & LICENSES

**Home Inspector
Professional
Engineer
Registration
(Since 1986)
Inspections
Licenses**

West Virginia State Certification # HI15470848-0806

*West Virginia License # 11362;

*Virginia License # 01529;

*Pennsylvania License # 35076-E;

*Delaware License # 9897;

*Mississippi License # 12052;

*Ohio License #58665

*Louisiana License # 25838:

Performed or Supervised over 15,500 Home & Structural Inspections

***General Building Contractor License #WV036715**

*Licensed Real Estate Agent since 1993 with status of Realtor. Currently on hold status.
Affiliate member of the Kanawha Valley, Huntington, and Parkersburg (Wood County)
Board Realtors Associations

**PROFESSIONAL
ORGANIZATIONS**

Membership with the following organizations:



***First & Past President of “The West Virginia Association of Home Inspectors, WVAHI” 2001 thru 2003 & 2006-Charter & Founding Member with Membership WVAHI # 0001 ; Currently on the WVAHI Board of Directors**



***American Society of Home Inspectors, Inc.:**

ASHI Membership #115639; Since 1995

***National Society of Professional Engineers**



National Society of Professional Engineers®



***American Society of Civil Engineers**

***The Kanawha Valley Board of Realtors**

***Home Builders Association of Greater Charleston**

**Environmental
Equipment**

***Mold Vacuum Pump- Slide and Canister Sampler *Infrared Camera**

***Honeywell Continuous RADON Monitors (CRM) Nine (2) Each**

***Carbon Monoxide Measurer (ppm)**

***Assorted Engineer Inspection (& Investigative) Equipment**

**Environmental
Training
Home Inspection**

***Class I-S Wastewater Treatment Plant Operator Certification from the State of WV.**

***Radon Testing and Mitigation Training- Let License Expire**

Have been a Registered Professional Engineer Since 1995

Have been an American Society of Home Inspectors, ASHI, Certified Inspector Since 1996 & A Certified Home Inspector in West Virginia Since 2006 One of the first to be Licensed

Qualifications

***ASHI (American Society of Home Inspectors) Certified Member # 115639 since 1996.**

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***Approved by the Veterans Administration for Structural Inspections on VA loans**

***Certified by the U.S. Department of Housing & Urban Development as an approved 203(k) Plan Reviewer/Consultant and a Fee Inspector. # P1096**

PERSONAL

Family, Earned Eagle Scout Rank with the Boys Scouts of America in 1963, Woodworking, Scuba Diving, and College Football (West Virginia, Georgia Tech, Penn State & Stanford Universities).

REFERENCES

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ASHI, Maryland State Chapter, Rockville, MD; Mar-11; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 4 Hours
ASHI, Kansas State Chapter, Kansas City, KA; Sep-10; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 4 Hours
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ASHI, Ohio State Chapter, Columbus, OH; Dec 13, 07; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 7 Hours
ASHI, American Society of Home Inspectors, Anaheim, CA; Jan 2007; 'Crawl Space & Floor Structures, Defects Causes & Cures' 2 Hours
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PREVIOUS ENGINEERING**EXPERIENCE**

Dec-2018 to

Forensic, Civil, Facility, and Construction Management Engineering.

Sam Wood Engineering, PLLC

PRESENT

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President: Self-employed as a Registered Professional Engineer performing Forensic engineering Structural Damage and Design Repairs Also, Expert Forensic Investigations for Legal & Insurance.

July-1995 to

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Dec-2018

4 Greenview Dr., S. Charleston, WV 25309

President: Self-employed as a Registered Professional Engineer performing engineering & environmental inspections on Residential & Commercial properties.

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Scott R. Smith Environmental Management Consultants, Inc.

Jun-1995

Main Street, Lexington, KY

Operations Manager, West Virginia: Responsible for the establishment and operations of a new field office in the State of West Virginia for an Environmental Consulting firm.

Jul-1993 to

Rucker and Associates, Inc. (Out of Business)

Aug-1994

Senior Project Manager for Environmental Affairs : Managed the Development of numerous remediation work plans in excess of \$14 million and the concurrent on-site sampling confirmation protocols of contract work covered a four-state area for a major client in the oil and gas industry.

Mar-1993

State of West Virginia, Department Environmental Protection,

Jun-1993

Greenbrier Street, Charleston, West Virginia 25301

Engineer I, Water Resources: Processed National Pollution Discharge Elimination System, NPDES, Permits to protect the waters of West Virginia.

Sep-1972 to

U.S. Army Corps of Engineers- Civil & Military Engineering

Sep-1992

Worldwide assignments: U.S., Germany, Honduras, & S. Korea

Engineer Officer U.S. Army: Retired at rank of Lt. Colonel

Managed engineer organizations of up to 650 personnel with annual budgets of \$102 million.

Responsibilities included environmental compliance, facility engineering for major military installations; planning, design, construction management & leadership for battalion and regimental engineer commands in stateside and overseas assignments; and civil works construction management with the Corps of Engineers on the Upper Mississippi River. (See page #4 of the résumé for details.)

VETERAN

Vietnam Era and 50% Plus Disabled Veteran

STATUS

*Served on Active Duty with the US Army from September 1972 through September 1992- 20 years Active Duty. Retired with rank of Lt. Colonel.

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West Virginia Army National Guard, 111th Engineer Group

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Construction Engineer- Rank Captain

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2nd Engineer Group South Korea

Construction Operations Officer

Responsible for the design and construction coordination for 2,000 engineer soldiers in two Engineer Battalions.

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Commander: Rank Captain

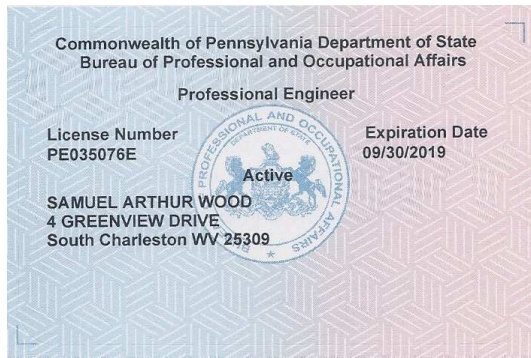
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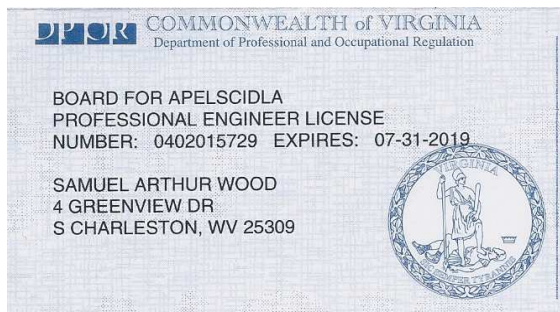
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National Society of Professional Engineers®



***American Society of Civil Engineers**

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***Home Builders Association of Greater Charleston**

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***Carbon Monoxide Measurer (ppm)**

***Assorted Engineer Inspection (& Investigative) Equipment**

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Home Inspection**

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PERSONAL

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Jun-1995 Main Street, Lexington, KY

Operations Manager, West Virginia: Responsible for the establishment and operations of a new field office in the State of West Virginia for an Environmental Consulting firm.

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Aug-1994 **Senior Project Manager for Environmental Affairs :** Managed the Development of numerous remediation work plans in excess of \$14 million and the concurrent on-site sampling confirmation protocols of contract work covered a four-state area for a major client in the oil and gas industry.

Mar-1993 State of West Virginia, Department Environmental Protection,

Jun-1993 Greenbrier Street, Charleston, West Virginia 25301

Engineer I, Water Resources: Processed National Pollution Discharge Elimination System, NPDES, Permits to protect the waters of West Virginia.

Sep-1972 to U.S. Army Corps of Engineers- Civil & Military Engineering

Sep-1992 Worldwide assignments: U.S., Germany, Honduras, & S. Korea

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VETERAN

Vietnam Era and 50% Plus Disabled Veteran

STATUS

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Third Infantry Division Wurzburg, Germany

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Jun-1991

Aberdeen Proving Ground, Maryland 21005

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Construction Engineer Task Force #111, Honduras, Central America

Oct-1988

West Virginia Army National Guard, 111th Engineer Group

Construction Operations Officer- Rank of Major

Designed and managed construction of 15.5 Kilometers of road costing \$16 million through mountains in central Honduras. Construction force averaged 650 National Guard, Reserve, & Regular Army engineers/operators and 350 pieces of heavy construction equipment. 1.1 million cubic yards moved.

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U.S. Army Military Academy West Point, New York

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Corps of Engineer District Rock Island Illinois

Aug-1983

Construction Engineer- Rank Captain

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2nd Engineer Group South Korea

Dec-1978

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Commander: Rank Captain

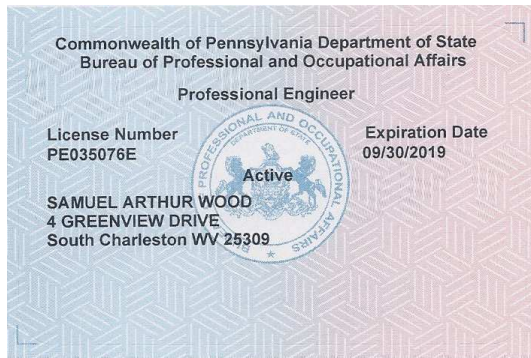
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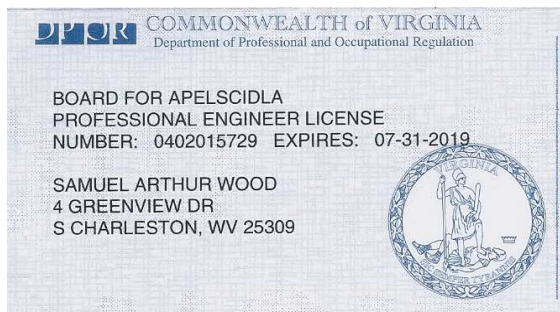
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Professional
Engineer
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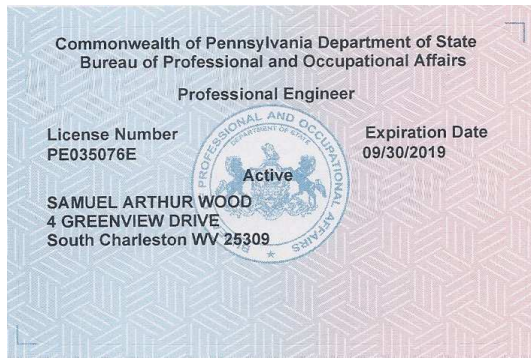
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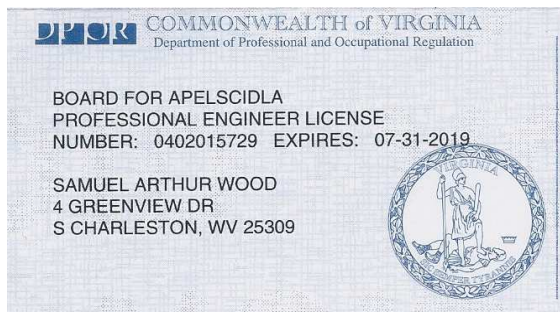
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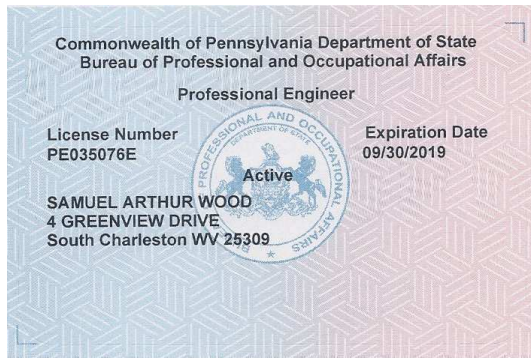
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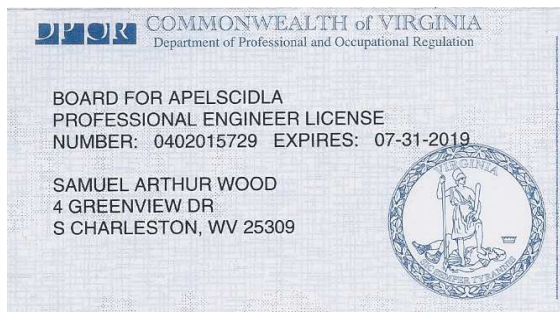
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Affiliate member of the Kanawha Valley, Huntington, and Parkersburg (Wood County)
Board Realtors Associations

**PROFESSIONAL
ORGANIZATIONS**

Membership with the following organizations:



***First & Past President of “The West Virginia Association of Home Inspectors, WVAHI” 2001 thru 2003 & 2006-Charter & Founding Member with Membership WVAHI # 0001 ; Currently on the WVAHI Board of Directors**



***American Society of Home Inspectors, Inc.:**

ASHI Membership #115639; Since 1995

***National Society of Professional Engineers**



National Society of Professional Engineers®



***American Society of Civil Engineers**

***The Kanawha Valley Board of Realtors**

***Home Builders Association of Greater Charleston**

**Environmental
Equipment**

***Mold Vacuum Pump- Slide and Canister Sampler *Infrared Camera**

***Honeywell Continuous RADON Monitors (CRM) Nine (2) Each**

***Carbon Monoxide Measurer (ppm)**

***Assorted Engineer Inspection (& Investigative) Equipment**

**Environmental
Training
Home Inspection**

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***Radon Testing and Mitigation Training- Let License Expire**

Have been a Registered Professional Engineer Since 1995

Have been an American Society of Home Inspectors, ASHI, Certified Inspector Since 1996 & A Certified Home Inspector in West Virginia Since 2006 One of the first to be Licensed

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***Certified by the U.S. Department of Housing & Urban Development as an approved 203(k) Plan Reviewer/Consultant and a Fee Inspector. # P1096**

PERSONAL

Family, Earned Eagle Scout Rank with the Boys Scouts of America in 1963, Woodworking, Scuba Diving, and College Football (West Virginia, Georgia Tech, Penn State & Stanford Universities).

REFERENCES

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WAHI- West Virginia Association of Home Inspectors, Morgantown, WV; August, 2012 'Crawl Space Defects Causes & Cures' 2 hrs
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ASHI, Maryland State Chapter, Rockville, MD; Mar-11; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 4 Hours
ASHI, Kansas State Chapter, Kansas City, KA; Sep-10; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 4 Hours
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ITA- Inspectors Training Associates, Las Vegas; Oct 2004; 'Foundation Defects Causes & Cures' 2 hrs

PREVIOUS ENGINEERING**EXPERIENCE**

Dec-2018 to

Forensic, Civil, Facility, and Construction Management Engineering.

Sam Wood Engineering, PLLC

PRESENT

4 Greenview Dr., S. Charleston, WV 25309

President: Self-employed as a Registered Professional Engineer performing Forensic engineering Structural Damage and Design Repairs Also, Expert Forensic Investigations for Legal & Insurance.

July-1995 to

Advantage Home & Environment Inspections, Inc.

Dec-2018

4 Greenview Dr., S. Charleston, WV 25309

President: Self-employed as a Registered Professional Engineer performing engineering & environmental inspections on Residential & Commercial properties.

Nov-1994 to

Scott R. Smith Environmental Management Consultants, Inc.

Jun-1995

Main Street, Lexington, KY

Operations Manager, West Virginia: Responsible for the establishment and operations of a new field office in the State of West Virginia for an Environmental Consulting firm.

Jul-1993 to

Rucker and Associates, Inc. (Out of Business)

Aug-1994

Senior Project Manager for Environmental Affairs : Managed the Development of numerous remediation work plans in excess of \$14 million and the concurrent on-site sampling confirmation protocols of contract work covered a four-state area for a major client in the oil and gas industry.

Mar-1993

State of West Virginia, Department Environmental Protection,

Jun-1993

Greenbrier Street, Charleston, West Virginia 25301

Engineer I, Water Resources: Processed National Pollution Discharge Elimination System, NPDES, Permits to protect the waters of West Virginia.

Sep-1972 to

U.S. Army Corps of Engineers- Civil & Military Engineering

Sep-1992

Worldwide assignments: U.S., Germany, Honduras, & S. Korea

Engineer Officer U.S. Army: Retired at rank of Lt. Colonel

Managed engineer organizations of up to 650 personnel with annual budgets of \$102 million.

Responsibilities included environmental compliance, facility engineering for major military installations; planning, design, construction management & leadership for battalion and regimental engineer commands in stateside and overseas assignments; and civil works construction management with the Corps of Engineers on the Upper Mississippi River. (See page #4 of the résumé for details.)

VETERAN

Vietnam Era and 50% Plus Disabled Veteran

STATUS

*Served on Active Duty with the US Army from September 1972 through September 1992- 20 years Active Duty. Retired with rank of Lt. Colonel.

EXPERIENCE

U.S. ARMY

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Detailed Experience with the U.S. Army Corps of Engineers from rank of 2nd Lieutenant through Lt. Colonel.

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Third Infantry Division Wurzburg, Germany

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Facility Engineer responsible for Engineering/Housing plans, policy, budget, environment, design, construction and inspection support for 42 communities consisting of 5,928 buildings, and 11,900 housing units worth more than \$500 million with an annual budget of \$80 million. Directorate responsible for more than 1,500 military, civilian and contract personnel.

Oct-1988 to

Command Support Activity, Aberdeen Proving Ground US Army

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Aberdeen Proving Ground, Maryland 21005

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Construction Engineer Task Force #111, Honduras, Central America

Oct-1988

West Virginia Army National Guard, 111th Engineer Group

Construction Operations Officer- Rank of Major

Designed and managed construction of 15.5 Kilometers of road costing \$16 million through mountains in central Honduras. Construction force averaged 650 National Guard, Reserve, & Regular Army engineers/operators and 350 pieces of heavy construction equipment. 1.1 million cubic yards moved.

Aug-1983 to

U.S. Army Military Academy West Point, New York

Oct-1986

Associate Professor of Mathematics- Rank of Major

Taught Differential and Integral Calculus, and Matrix Algebra. Class loads averaged 12 credits for ten week semesters.

Jun-1980 to

Corps of Engineer District Rock Island Illinois

Aug-1983

Construction Engineer- Rank Captain

Responsible for construction inspection and quality control of an \$8.8 million levee flood control project protecting the International Harvester and John Deere factories on the Mississippi River, E. Moline Ill. Levee held in 93' Flood.

Jul-1978 to

2nd Engineer Group South Korea

Dec-1978

Construction Operations Officer

Responsible for the design and construction coordination for 2,000 engineer soldiers in two Engineer Battalions.

Jun-1977 to

A Company, 44th Engineer Construction Battalion Camp Mercer, South Korea

Jul-1978

Commander: Rank Captain

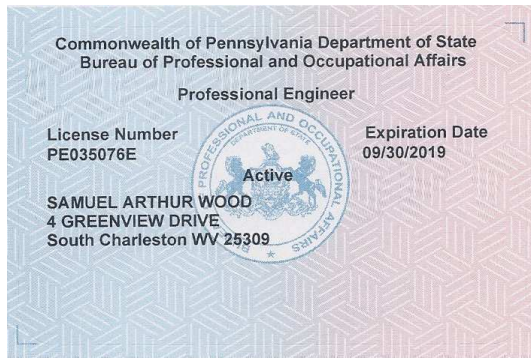
Commanded/Managed 205 engineer soldiers with more than 400 pieces of engineer equipment to include Rock Quarrying; asphalt placement; and heavy equipment construction support to the remaining battalion of 900 engineer soldiers.

My full Résumé is also attached:

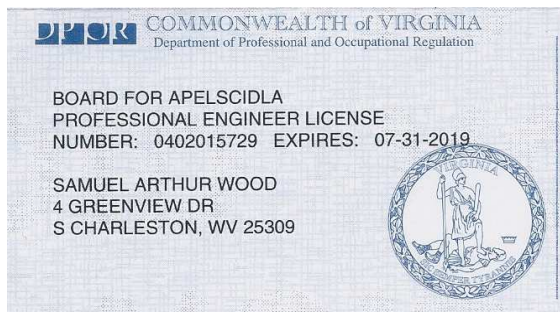
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**Membership in the National Society
of Professional Engineers**



**Membership in the American
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SAMUEL ARTHUR WOOD, MSCE, PE

Updated as of January 7, 2019

OFFICE ADDRESS

Sam Wood Engineering, PLLC
4 Greenview Dr.
South Charleston, WV 25309
(304) 768-1518 FAX (304) 768-5470

E-Mail Address: **Sam@SamWoodEng.com**

WEB Page: **SamWoodEng.com**

OBJECTIVE

To excel in providing Timely, Quality, Impartial, and Professional **Forensic Engineering** Inspections of the physical structure and components of a home and commercial structure by a Registered Professional Engineer; Provide **Residential Structural Inspections** for structural stability & adequacy, Prepare structural repair designs when required, & provide repair oversight with final stamped PE letter; Provide **Expert Consultant Services** for potential litigation; and Provide **Commercial Inspections** Structural Inspections and Assessments. Inspect for **Permanent Foundations on Mobile Homes** to the standard provided by HUD's Permanent Foundation Guide for Manufactured Housing, dated Sept. 1996.
Work with the State of West Virginia Agencies to promote the Professionalism and Ethics of Registered Professional Engineers & Home Inspectors.

**EDUCATION-
UNIVERSITY**

- **Stanford University:** Stanford, Palo Alto, California 94305
Masters of Science in Civil Engineering, Jun-1980
Major: Civil Engineering
- **The Pennsylvania State University, University Park, Pennsylvania 16802**
Bachelors of Science in Mathematics; Minor: Biology Jun-1972
President: Student Government Association- 1970
Commander of ROTC Cadets: Rank of Cadet Lieutenant Colonel- 1970
Vice President: Organization of Student Governments- 1971
Skull & Bones Honor Society- Initiated 1972
- **The Pennsylvania State University, Ogontz Campus**, Abington PA, 19001
Associates Degree in Electrical and Electronical Technology, Jun-1969

PROFESSIONAL SKILLS & LICENSES

Home Inspector
Professional
Engineer
Registration
(Since 1986)
Inspections
Licenses

West Virginia State Certification # HI15470848-0806
*West Virginia License # 11362; *Virginia License # 01529;
*Pennsylvania License # 35076-E; *Delaware License # 9897;
*Mississippi License # 12052; *Ohio License #58665
*Louisiana License # 25838:
Performed or Supervised over 15,500 Home & Structural Inspections
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PERSONAL

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2nd Engineer Group South Korea

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Commander: Rank Captain

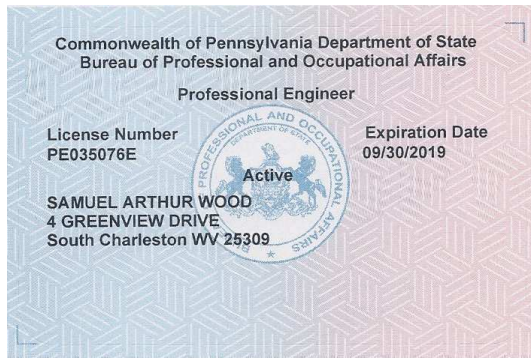
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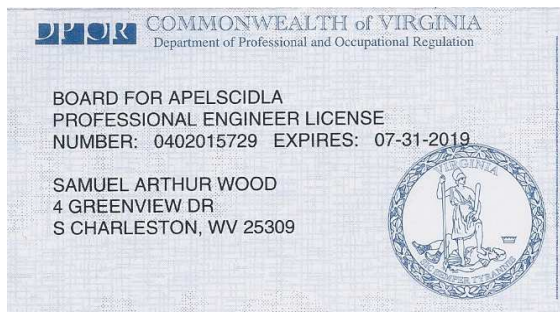
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Updated as of January 7, 2019

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South Charleston, WV 25309
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E-Mail Address: **Sam@SamWoodEng.com**

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Bachelors of Science in Mathematics; Minor: Biology Jun-1972
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- **The Pennsylvania State University, Ogontz Campus**, Abington PA, 19001
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Senior Project Manager for Environmental Affairs : Managed the Development of numerous remediation work plans in excess of \$14 million and the concurrent on-site sampling confirmation protocols of contract work covered a four-state area for a major client in the oil and gas industry.

Mar-1993

State of West Virginia, Department Environmental Protection,

Jun-1993

Greenbrier Street, Charleston, West Virginia 25301

Engineer I, Water Resources: Processed National Pollution Discharge Elimination System, NPDES, Permits to protect the waters of West Virginia.

Sep-1972 to

U.S. Army Corps of Engineers- Civil & Military Engineering

Sep-1992

Worldwide assignments: U.S., Germany, Honduras, & S. Korea

Engineer Officer U.S. Army: Retired at rank of Lt. Colonel

Managed engineer organizations of up to 650 personnel with annual budgets of \$102 million.

Responsibilities included environmental compliance, facility engineering for major military installations; planning, design, construction management & leadership for battalion and regimental engineer commands in stateside and overseas assignments; and civil works construction management with the Corps of Engineers on the Upper Mississippi River. (See page #4 of the résumé for details.)

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2nd Engineer Group South Korea

Dec-1978

Construction Operations Officer

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A Company, 44th Engineer Construction Battalion Camp Mercer, South Korea

Jul-1978

Commander: Rank Captain

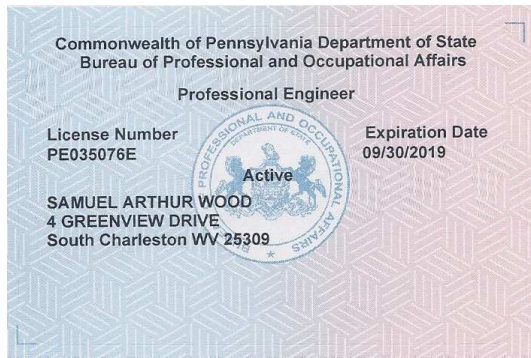
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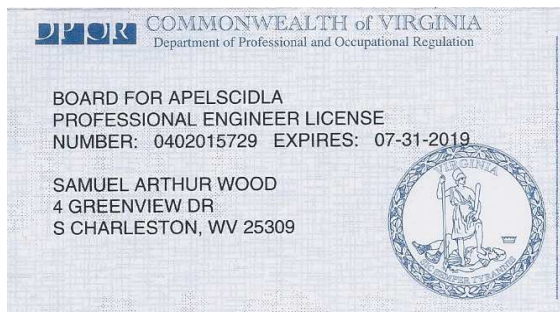
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Updated as of January 7, 2019

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E-Mail Address: **Sam@SamWoodEng.com**

WEB Page: **SamWoodEng.com**

OBJECTIVE

To excel in providing Timely, Quality, Impartial, and Professional **Forensic Engineering** Inspections of the physical structure and components of a home and commercial structure by a Registered Professional Engineer; Provide **Residential Structural Inspections** for structural stability & adequacy, Prepare structural repair designs when required, & provide repair oversight with final stamped PE letter; Provide **Expert Consultant Services** for potential litigation; and Provide **Commercial Inspections** Structural Inspections and Assessments. Inspect for **Permanent Foundations on Mobile Homes** to the standard provided by HUD's Permanent Foundation Guide for Manufactured Housing, dated Sept. 1996.
Work with the State of West Virginia Agencies to promote the Professionalism and Ethics of Registered Professional Engineers & Home Inspectors.

**EDUCATION-
UNIVERSITY**

- **Stanford University:** Stanford, Palo Alto, California 94305
Masters of Science in Civil Engineering, Jun-1980
Major: Civil Engineering
- **The Pennsylvania State University, University Park, Pennsylvania 16802**
Bachelors of Science in Mathematics; Minor: Biology Jun-1972
President: Student Government Association- 1970
Commander of ROTC Cadets: Rank of Cadet Lieutenant Colonel- 1970
Vice President: Organization of Student Governments- 1971
Skull & Bones Honor Society- Initiated 1972
- **The Pennsylvania State University, Ogontz Campus**, Abington PA, 19001
Associates Degree in Electrical and Electronical Technology, Jun-1969

PROFESSIONAL SKILLS & LICENSES

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Professional
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West Virginia State Certification # HI15470848-0806
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*Mississippi License # 12052; *Ohio License #58665
*Louisiana License # 25838:
Performed or Supervised over 15,500 Home & Structural Inspections
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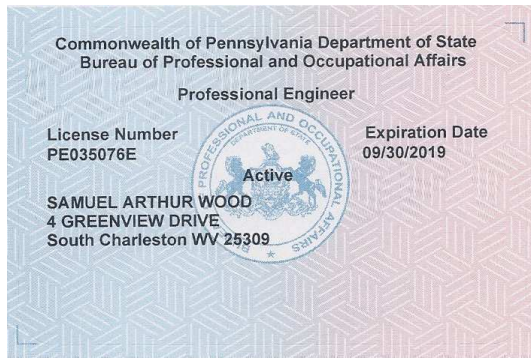
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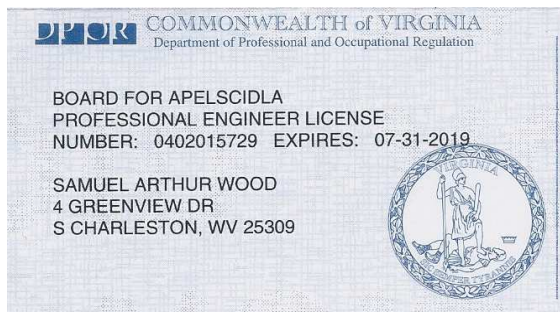
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NAHI- National Association of Home Inspectors, Myrtle Beach, SC; Sep 2012 'Crawl Space Defects Causes & Cures' 2 hrs
WAHI- West Virginia Association of Home Inspectors, Morgantown, WV; August, 2012 'Crawl Space Defects Causes & Cures' 2 hrs
WAHI- West Virginia Association of Home Inspectors, Charleston, WV; Feb 2012 'Foundation Defects Causes & Cures' 4 hrs
ASHI, Northern Virginia State Chapter, Fairfax, Va; Oct-11; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 4 Hours
NAHI- National Association of Home Inspectors, Cincinnati, OH; Sep 2011 'Foundation Defects Causes & Cures' 4 hrs
ASHI, Maryland State Chapter, Rockville, MD; Mar-11; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 4 Hours
ASHI, Kansas State Chapter, Kansas City, KA; Sep-10; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 4 Hours
Advantage Home Presentation, S. Charleston, WV; May 6 & 7, 2010; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 7 Hours. & "The Residential Home Inspection & Inspector Certification per the West Virginia Rule, Title #87" Approved for Engineers, Architects, Lawyers, Realtors, Appraisers, & Home Inspectors
ASHI, American Society of Home Inspectors- Las Vegas, NV; Jan 2010; 'Foundation Defects Causes & Cures' 2 Hours
Advantage Home Presentation, S. Charleston, WV; May 18, 2009; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 7 Hours. Approved for Lawyers, Realtors, Appraisers, & Home Inspectors
ASHI, American Society of Home Inspectors- Orlando, CA; Jan 2009; 'Crawl Space & Floor Structures, Defects Causes & Cures' 2 Hours
Advantage Home Presentation, S. Charleston, WV; May 16, 2008; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 7 Hours. Approved for Lawyers, Realtors, Appraisers, & Home Inspectors
ASHI, Ohio State Chapter, Columbus, OH; March 08; 'Mold, Radon, Lead Based Paint & Carbon Monoxide in the Home.' 7 Hours
ASHI, Ohio State Chapter, Columbus, OH; Dec 13, 07; 'Foundation & Crawl Space Defects, Recognition, Causes & Cures' 7 Hours
ASHI, American Society of Home Inspectors, Anaheim, CA; Jan 2007; 'Crawl Space & Floor Structures, Defects Causes & Cures' 2 Hours
NAHI- National Association of Home Inspectors, Philadelphia PA; Sep 2006; 'Foundation Defects Causes & Cures' 2 hrs
World of Concrete, Las Vegas; Jan 2006; 'Foundation Defects Causes & Cures' 3 Hours
ASHI, Ft. Lauderdale; Jan 2006; 'Foundation Defects Causes & Cures' 2 Hours
ITA- Inspection Training Associates, Las Vegas; Oct 2005; 'Crawl Space & Floor Structures, Defects Causes & Cures' 2 hrs
NACHI, National Association of Certified Home Inspectors, Foundation Defects Causes & Cures 2 hrs
ASHI- Houston; Jan 2005; 'Foundation Defects Causes & Cures' 2 Hours
ITA- Inspectors Training Associates, Las Vegas; Oct 2004; 'Foundation Defects Causes & Cures' 2 hrs

PREVIOUS ENGINEERING**EXPERIENCE**

Dec-2018 to

Forensic, Civil, Facility, and Construction Management Engineering.

Sam Wood Engineering, PLLC

PRESENT

4 Greenview Dr., S. Charleston, WV 25309

President: Self-employed as a Registered Professional Engineer performing Forensic engineering Structural Damage and Design Repairs Also, Expert Forensic Investigations for Legal & Insurance.

July-1995 to

Advantage Home & Environment Inspections, Inc.

Dec-2018

4 Greenview Dr., S. Charleston, WV 25309

President: Self-employed as a Registered Professional Engineer performing engineering & environmental inspections on Residential & Commercial properties.

Nov-1994 to

Scott R. Smith Environmental Management Consultants, Inc.

Jun-1995

Main Street, Lexington, KY

Operations Manager, West Virginia: Responsible for the establishment and operations of a new field office in the State of West Virginia for an Environmental Consulting firm.

Jul-1993 to

Rucker and Associates, Inc. (Out of Business)

Aug-1994

Senior Project Manager for Environmental Affairs : Managed the Development of numerous remediation work plans in excess of \$14 million and the concurrent on-site sampling confirmation protocols of contract work covered a four-state area for a major client in the oil and gas industry.

Mar-1993

State of West Virginia, Department Environmental Protection,

Jun-1993

Greenbrier Street, Charleston, West Virginia 25301

Engineer I, Water Resources: Processed National Pollution Discharge Elimination System, NPDES, Permits to protect the waters of West Virginia.

Sep-1972 to

U.S. Army Corps of Engineers- Civil & Military Engineering

Sep-1992

Worldwide assignments: U.S., Germany, Honduras, & S. Korea

Engineer Officer U.S. Army: Retired at rank of Lt. Colonel

Managed engineer organizations of up to 650 personnel with annual budgets of \$102 million.

Responsibilities included environmental compliance, facility engineering for major military installations; planning, design, construction management & leadership for battalion and regimental engineer commands in stateside and overseas assignments; and civil works construction management with the Corps of Engineers on the Upper Mississippi River. (See page #4 of the résumé for details.)

VETERAN

Vietnam Era and 50% Plus Disabled Veteran

STATUS

*Served on Active Duty with the US Army from September 1972 through September 1992- 20 years Active Duty. Retired with rank of Lt. Colonel.

EXPERIENCE

U.S. ARMY

Jun-1991 to

Detailed Experience with the U.S. Army Corps of Engineers from rank of 2nd Lieutenant through Lt. Colonel.

Jun-1992

Third Infantry Division Wurzburg, Germany

Director of Engineering and Housing- Rank of Lt. Colonel

Facility Engineer responsible for Engineering/Housing plans, policy, budget, environment, design, construction and inspection support for 42 communities consisting of 5,928 buildings, and 11,900 housing units worth more than \$500 million with an annual budget of \$80 million. Directorate responsible for more than 1,500 military, civilian and contract personnel.

Oct-1988 to

Command Support Activity, Aberdeen Proving Ground US Army

Jun-1991

Aberdeen Proving Ground, Maryland 21005

Director of Engineering and Housing- Rank of Lt. Colonel

City Engineer responsible for all Facility Engineering and Housing in support of two major communities consisting of 72,000 acres of land, 2,077 buildings, 1,477 housing units. Annual budget exceeded \$102 million. Supervised 520 professional engineers and operational staff.

Oct- 1986 to

Construction Engineer Task Force #111, Honduras, Central America

Oct-1988

West Virginia Army National Guard, 111th Engineer Group

Construction Operations Officer- Rank of Major

Designed and managed construction of 15.5 Kilometers of road costing \$16 million through mountains in central Honduras. Construction force averaged 650 National Guard, Reserve, & Regular Army engineers/operators and 350 pieces of heavy construction equipment. 1.1 million cubic yards moved.

Aug-1983 to

U.S. Army Military Academy West Point, New York

Oct-1986

Associate Professor of Mathematics- Rank of Major

Taught Differential and Integral Calculus, and Matrix Algebra. Class loads averaged 12 credits for ten week semesters.

Jun-1980 to

Corps of Engineer District Rock Island Illinois

Aug-1983

Construction Engineer- Rank Captain

Responsible for construction inspection and quality control of an \$8.8 million levee flood control project protecting the International Harvester and John Deere factories on the Mississippi River, E. Moline Ill. Levee held in 93' Flood.

Jul-1978 to

2nd Engineer Group South Korea

Dec-1978

Construction Operations Officer

Responsible for the design and construction coordination for 2,000 engineer soldiers in two Engineer Battalions.

Jun-1977 to

A Company, 44th Engineer Construction Battalion Camp Mercer, South Korea

Jul-1978

Commander: Rank Captain

Commanded/Managed 205 engineer soldiers with more than 400 pieces of engineer equipment to include Rock Quarrying; asphalt placement; and heavy equipment construction support to the remaining battalion of 900 engineer soldiers.