**Curriculum Vitae**

## William K. Shinn, P.E.

**Education**

May, 1970 -- BS Degree in Electrical Engineering, Power Option,

University of Missouri – Rolla.

June, 1996 -- MA Applied Behavioral Science-Managing & Consulting,

Bastyr University, Seattle, WA.

**Licenses/Professional Societies**

Registered Professional Engineer in Indiana

Senior Member of IEEE

**Professional Experience**

*e-Hazard.com – Sr. Managing Partner 2004-Present*

Offers training and arc hazard analysis to customers for electric arc under NFPA 70E, IEEE 1584 and OSHA 1910.269.

*Feb 2002 to Present Safety Compliance Associates, Inc. & ArcWear.com*

Electrical Safety consulting and training.

*June 1970 to Feb 2002 ALCOA Aluminum, Inc., Newburgh, IN*

1994 -Engineering and Maintenance Manager. Manage and lead 380

employees engaged in engineering and maintenance of a 60 million

pound per month aluminum smelting and rolling facility. Responsible

for a $36M capital budget, a $30M annual maintenance budget and all

safety for the division.

1989-2002 Chairman and member of Alcoa Electrical Safety

Committee.

1991 – Smelting and utilities Engineering and Maintenance

Superintendent. Responsible for all engineering and maintenance for

the Warrick primary metals division including the plant wide power

system.

1989 – Special assignment to corporate safety to survey all plants for

high voltage hazards and develop Alcoa Electrical Safety Standard

32.60.

1981 – Alcoa, Massena Operations, Chief Electrical Engineer for two

years then Maintenance Manager.

1970 – Various electrical engineering assignments including a new

HDC casting unit, two new kilns and five new substations ranging in

size from 2500 KVA to 100 MVA. Also was the plant power engineer.

**E-Contact:**

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