

# **Curriculum Vitae**



**Richard Kithil, Jr.**

## **1.0 General Personal Background:**

**Born:**

**May 29 1937, New York City, NY USA**

**US Citizen.**

**Married.**

**One Child.**

**Offices:**

**891 North Hoover Avenue**

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**Veteran, US Army.**

**Honorable Discharge**

## **2.0 Education**

**2.1 Denison University, Granville OH, BA Economics/History, 1963**

**2.2 American Graduate School Int'l Management, Masters Int'l Mgmt., Phoenix AZ, International Business, 1964**

**2.3 Marquette University, Milwaukee WI, Accelerated Executive Management Program, 1965**

**2. 4. ACI Civil Engineering Program, Springfield IL, 1966.**

**2. 5. Studies in Atmospheric Physics, Electrical Engineering, Lightning Protection, Risk Management Assessment, Cost/Benefit Modeling, Analysis and Formulation of Lightning Codes and Standards, Legal Duty-To-Warn and Negligence Issues.**

### **3.0 Languages**

**3.1 Spanish (80%)**

**3.2 Italian & Portuguese (30%).**

### **4.0 Employment**

**4.1 Allis-Chalmers, Milwaukee WI , Sales Supervisor (Construction, Farm, Material Handling, Diesel Engines Equipment & Machinery), 1965-1968.**

**4.2 Clark Equipment, Benton Harbor, MI, Regional Manager (Forestry Equipment), 1968-1970.**

**4.3 Foremost Int'l, Calgary Alberta, Canada, Vice President (Oilfield, Heavy Hauling Off-Highway Equipment), 1970-1972.**

**4.4 General Cable Corp., Denver CO, Worldwide Sales & Marketing Director (Telecommunications Equipment), 1972-1974.**

**4.5 Business Management Systems, Boulder, Colorado, President (Consulting & Business Management Advisory Services), 1974-1992.**

**4.6 LEC Global, Boulder CO, Vice President/Member, Board of Directors (Lightning Protection Equipment), 1992-1993.**

**4.6 National Lightning Safety Institute (NLSI), Louisville, CO, Founder & CEO (Consulting, Education & Technical Services), 1994-present.**

## **5.0 Appointments to National Organizations**

- 5.1 Appointed Member, US Department of Defense Explosives Safety Board, DDESB 6055.9**
- 5.2 Appointed Member, American Meteorological Society Lightning Safety Committee**
- 5.3 Appointed Member, National Athletic Trainers Assoc. Lightning Policy Committee**
- 5.4 Appointed Member, US Department of Energy Lightning Safety Committee M 440.1-1**
- 5.5 Advisor, US Air Force Safety Center**
- 5.6 Appointed Member, Underwriters Laboratories Technical Committee STP 9**
- 5.7 Reviewer, Federal Aviation Administration Lightning Protection Code 019d**
- 5.8 Participant, Joint DOE-Russian Lightning Safety Conferences (2003 & 2004)**
- 5.9 Recipient, US Govt. Dept. Energy designation as *Nationally Recognized Expert Consultant* under Task Order No. 0109-006**
- 5.10 Advisor, United States Golf Association**
- 5.11 Reviewer, ANSI A300 Lightning Protection for Trees**
- 5.12 Advisor to US Department of Labor, Occupational Health and Safety Administration**
- 5.13 Appointed Subject Matter Expert, Newmont Mining Corporation**
- 5.14 Appointed Subject Matter Expert, Barrick Gold Corporation**
- 5.15 Appointed Expert, US Air Force Committee for Revision of Lightning and Explosives Safety Code AFI 32-1065**

## **6.0 Publications, Seminars, References, Etc.**

### **6.1 More than 125 published articles and papers on lightning safety.**

### **6.2 Author of Published Books:**

**6.2.1 *Lightning Protection for Engineers* (2004, rev. 2011)**

**6.2.2 *Introduction to Lightning Safety* (2005)**

**6.2.3 *Risk Management of the Lightning Hazard* (2006)**

**6.2.4 *Lightning Safety: Defenses for People and for Structures* (2008)**

**6.2.5 *Lightning Safety for People* (2009)**

**6.2.6 *Seguridad de Tormentas Electricas* (2010)**

**6.2.6 *Fundamentals of Lightning Protection: An Illustrated Guide* (2010)**

**6.2.7 *Lightning Protection for Telecommunications Facilities* (2011)**

**6.2.8 *Lightning Safety in the Mining Industry*, (2013)**

### **6.3 Instructor.**

**6.3.1 US Air Force, AMMO 48/NFPA-780 – Basic Class - *Lightning and Explosives Safety*. Approx. 400 graduates.**

**6.3.2 US Dept Energy, AMMO 48/NFPA-780 – Basic Class – *Lightning and Nuclear Safety*. Approx. 200 graduates.**

**6.3.3 US Air Force, AMMO 50 – Advanced Class – *Lightning and Explosives Safety*. Approx. 30 graduates.**

**6.3.4 US Army, Basic Class - *Lightning Protection for Explosives Stores*. Approx. 50 graduates.**

**6.3.5 Other Sectors of Class Attendees: Federal Aviation Administration; Department of Defense Explosive Safety Board; US Coast Guard; Lockheed Martin; Northrup Grumman; Newmont Mining; Barrick Gold Corp.; HudBay Minerals; Anglo-American Copper; Commercial Electrical Companies.**

#### **7.0 Listings and Accreditations:**

**NLSI EIN 841337074: US Dept Defense Cage Code 09MN3: US Government  
CCR 7BZ4ZM: NAICS 81392: LANL Vendor P3532400: Sandia TDP4R5;  
Commercial DUNS 033874582:**

#### **8.0 Foreign Travel Work Experience:**

**Peru; Chile; Bolivia; Brazil; Colombia; Guyana; Mexico; Cayman Islands;  
Canada; Nigeria; Venezuela; Kenya; Tanzania; all Western Europe;  
Thailand; Malaysia; Indonesia; Singapore; Sri Lanka; Philippines; Hong  
Kong; Japan; Taiwan; Tonga; Azores; Australia; Ghana; Nepal; Dominican  
Republic; Nigeria; Papua New Guinea; South Africa; Panama.**

#### **9.0 Other.**

**9.1 US Federal Government lightning clients include NASA, DOE, FAA,  
White House, EPA, BLM, USFS, USGS, NPS, DOT, US Army, US Air Force,  
US Navy, US Coast Guard, OSHA, US Attorney Generals Office.**

**9.2 Industry sector experience in: mining; radio, TV, radar and other  
telecommunications facilities; computer centers; military explosives storage  
facilities; nuclear operations; airports; process control/manufacturing; bulk  
storage facilities; historical preserves; wind turbine farms; oil refineries.**

**9.4 Expert witness/accident investigator in litigation representing defendant  
and plaintiff.**

**9.3 Assisted in the establishment of national lightning safety organizations,  
working with local Subject Matter Experts in Sri Lanka (Dr. Chandima  
Gomes), Malaysia (Dr. Z.A. Hartono), Bangladesh (Dr. Munir Ahmed),  
Nepal (Prof. Shriram Sharma) and Kenya (Prof. Robert Akello).**

**9.4 Established Latin America headquarters office in Lima Peru under NLSI  
Vice-President Orlando Alzamora.**

**9.4 Capabilities in large scale projects with problem-solving from *Scope of  
Work* development to owner's representative, task implementation,  
assessment/monitoring, follow-up and conclusion of assignment. Production  
of lightning safety materials such as DVDs, YouTube video clips, written  
materials, film scripts and printed brochures and literature. Formal lectures  
and informal presentations to diverse audiences.**