



Zarheer Jooma

Partner, Professional Engineer (PE)

Zarheer joined e-Hazard U.S. after ten years of managing e-Hazard South Africa and many years of experience with Eskom Generation and ArcelorMittal, the world's leading steel and mining company.

He has been regarded as the specialist on arc flash safety in South Africa, having convened and chaired SANS 724, the South African national standard for personal protective equipment and protective clothing against the thermal hazards of electric arc. He has extensively researched and published on arc flash incident investigations and how to implement them in industry.

Career Highlights

e-Hazard **2008 – Present**

Partner, Electrical Engineer

Louisville, KY 2016

- Writing electrical safety standards, performing accident investigations, company specific written Electrical Safety Programs, and Electrical Safety Audits.

South Africa – Johannesburg 2008

- Principal Engineer and Owner-Operator of the training/consulting company
- Provides electrical safety training, arc flash assessments, and support services to promote and facilitate the safety efforts of client companies throughout the country

ArcelorMittal South Africa – Johannesburg 2007-2016

Progress Engineering Manager – Infrastructure

- Engineering, introduction of standards and technologies, preventive maintenance, and upkeep.

Eskom Generation – Lethabo Power Station 2000-2006

Electrical Engineer

- System Engineer for electrical plant and substations

South African National Standard (SANS) 724

- Drove the effort to develop electrical safety standards in South Africa; convened and served as chair of the committee for SANS 724 – Personal protective equipment and protective clothing against the thermal hazards of an electric arc

Snapshot

Focus

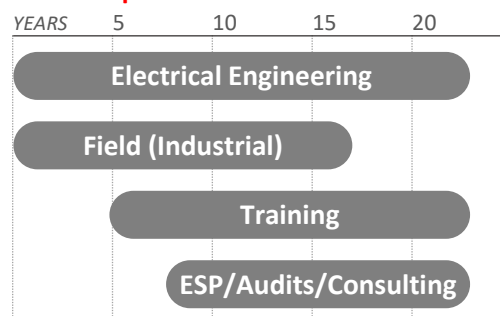
SERVICES

- Arc Flash Studies
- Investigations
- Electrical Safety Programs
- Audits

TRAINING

- Low Voltage
- High Voltage
- Utilities
- Lockout/ Tagout (LOTO)
- Train the Trainer
- Customized

Career Experience Timeline



Licenses & Professional Memberships

Professional Engineer,
Registered in Kentucky, New York and South Africa

Institute of Electrical and Electronics Engineers (IEEE), Senior Member

IEEE 1584-1:2021 Working Committee and Ballot Resolution Committee, Member

ASTM Committee F18, Member

IEC TC78 – Live Working, Member

Education & Certifications

University of Natal, Durban Campus B.S., *Electrical Engineering, Power Option*

University of Witwatersrand M.S., *Electrical Engineering, Electrical Arc Flash Safety*