



KOHR'S LONNEMANN HEIL ENGINEERS, INC

FT. THOMAS, KENTUCKY
LEXINGTON, KENTUCKY
LOUISVILLE, KENTUCKY
COLUMBUS, OHIO

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Date: 3/27/2023

Sheryl Long
City Manager
City of Cincinnati
801 Plum St #152
Cincinnati, OH 45202

Re: Application for Cincinnati Fire Prevention's Board of Appeals

Mrs. Long,

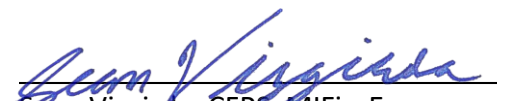
I am writing to apply for a position on the Board of Appeals for the City of Cincinnati's Fire Prevention division.

I have 14 years of experience in the fire protection industry, beginning in 2009 as a firefighter with the United States Air Force. I was rapidly promoted during my time with the USAF and in my final capacity served as a Fire Station Captain. I was honorably discharged from the USAF in 2013 and began working in the Offshore Oil and Gas industry in England, where I was an instructor and advisor for emergency response teams operating in the North Sea oil rigs. I then relocated to the Middle Eastern country Qatar and continued in my role as an emergency response instructor and advisor for the oil and gas industry based in that country. I have an ABET accredited B.S. Degree in Fire Protection and Safety Engineering Technology from Eastern Kentucky University. As a fire protection engineer, I have worked on projects across the world and have experience with different countries approaches to fire protection.

The board would benefit from me serving as I bring a wealth of knowledge and practical experience both as a firefighter and as a fire protection engineer. I am very familiar with the City of Cincinnati and have worked on many projects across our city serving as a fire protection engineer. With my extensive international, practical, and design experience, I will bring a voice to the Board of Appeals that examines fire protection issues from all interested parties.

Thank you for considering me for this very important position.

Respectfully,


Sean Vizgirda, CFPS, MIFireE
Kohrs Lonnemann Heil Engineers, Inc.



SEAN VIZGIRDA

CFPS, MIFireE, MSFPE

Lead Associate Fire Protection Engineer

WORK EXPERIENCE

KLH Engineers: Lead Associate – Fire Protection Engineering

2021-Present

- Manage and develop REVIT models for all MEP disciplines.
- Develop and implement custom Fire Protection REVIT Tools with assistance from internal software engineers.
- Lead fire protection engineering tasks and work with engineers and designers to produce projects in design.
- Review Fire Protection designs per QC/QA standards.
- Review and approve Fire Protection submittals and RFI's.
- Lead, motivate, and direct Fire Protection Engineering team.
- Develop and implement Fire Protection Engineering process improvements.
- Fire Protection code research and consulting.
- Perform and prepare Fire Protection system assessments and studies.
- Manage projects Fire Protection project management.
- Attend architectural / client / contractor coordination meetings.
- Prepare engineering services proposals and manage projects incorporating all MEP disciplines.

Poole Fire Protection: Fire Protection Engineer

2020-2021

- Prepares design materials for basic design assignments including basic analysis, design calculations, equipment research, sketches, etc., required in order to prepare documents, specifications, drawings or to meet other project requirements.
- Review of manufacturer's drawings with respect to Poole Fire Protection design criteria, marks for conformance.
- Prepares design sketches for drafting and incorporation into design criteria.
- Develops preliminary layouts and other plans.
- Coordinates, as assigned, design with other personnel working on the same project to minimize design conflicts.
- Performs special studies or analyses of special portions of a project, studies will include research, investigation, or coordination.

Qatar Petroleum: Civil Aviation Fire Instructor

2016 – 2020

- Responsible for developing and maintaining the Fire Fighting program at Ras Lafan Emergency Services College.
- Work with clients across the Middle East region to train and develop fire prevention and firefighting capability.
- Oversee all aspects of NFPA and British Standard fire training from beginner to advanced fire certifications.
- Instruct courses from a wide range of disciplines to include office fire prevention and marshal training, hazmat response, rope & confined space rescue, industrial firefighting, municipal firefighting, apparatus driver/operator, and incident command courses.
- Participate in incident investigations and make recommendations to improve fire safety and prevention processes.
- Develop training curriculum used in ProBoard accredited courses provided globally through TEEX.

PROFILE

A highly motivated NFPA Certified Fire Protection Specialist and Fire Protection Engineer with over 13 years of experience within the Fire Protection Industry.

Versatile skill set including; fire protection engineering and code analysis, fire safety management planning and inspections, risk management, confined space rescue, emergency scene command and control, hazmat incident mitigation, emergency medical care, design and deliver effective training programs.

CONTACT

M:

E:

EDUCATION

Eastern Kentucky University

**B. S. Fire Protection and Safety
Engineering Technology 3.17 GPA
August 2018**

NEBOSH General Certificate Course

NGC Level 3 August 2013

Community College of the Air
Force, Maxwell AFB, Alabama

AAS Fire Science October 2011

University of Kentucky, Lexington,
Kentucky

**85 Semester Credits leading to a BA
in Sociology 2003-2007**

CERTIFICATIONS

Various Dates

- NFPA Certified Fire Protection Specialist
- ProBoard Industrial Fire Brigade Leader
- ProBoard HazMat Incident Commander
- IFSAC/ProBoard Fire Officer I
- IFSAC/ProBoard Fire Instructor I & II
- IFSAC/ProBoard Firefighter I & II
- IFSAC/ProBoard Hazmat Awareness & Operations
- IFSAC/ProBoard HAZMAT Technician
- ProBoard Incipient Industrial Fire Brigade Member
- ProBoard Advanced Exterior Industrial Fire Brigade Member
- IFSAC/ProBoard Rescue Technician I & II
- IFSAC/ProBoard Fire Inspector I
- IFSAC/ProBoard Driver/Operator Pumper
- IFSAC/ProBoard Driver/Operator ARFF
- IFSAC/ProBoard Driver/Operator Mobile Water Supply
- IFSAC/ProBoard Public Telecommunicator I & II
- City & Guilds Award in Education & Training
- OPITO Minimum Industry Safety Training
- OPITO BOSIET
- TEEX Marine Based Fire Fighting for Land Based Fire Fighters
- TEEX Vehicle and Machinery Rescue
- TEEX Industrial Emergency Response Specialist
- CAA Offshore Radio Operator
- 9D1 Assessor

WORK EXPERIENCE

Petans Safety Training, UK: Fire Safety & Prevention Instructor

2013 – 2016

- Designed bespoke training programs to a wide variety of clients.
- Audit and verification of established courses to ensure required standards are met.
- Provided training to a number of different industries including oil and gas, maritime, nuclear, and commercial corporations in a wide variety of specialized and accredited training courses.
- Delivered training on operational offshore installations, vessels, and super yachts.
- Assisted in designing and auditing OPTIO, City & Guilds, and STCW approved training courses.
- Conducted candidate assessments and feedback sessions aligned to set standards and learning objectives.
- Administered and proctor exams for a wide range of OPITO approved courses, including Dangerous Goods.
- Instruct all levels of fire response to various industries including Offshore Emergency Response Team Leader training and Helicopter Landing Officer training.

Fire Station Captain, United States Air Force; RAF Lakenheath

2009 - 2013

- Primary Crew Chief on many different types of emergencies including fire, medical, hazmat spills, and technical rescue operations.
- Managed the health, safety and welfare of firefighting crews.
- Supervised and directed emergency response crews on a daily shift basis.
- Performed extensive fire safety inspections and documented deficiencies in accordance with NFPA and local policies.
- Managed the testing and inspections of hydraulic pumping equipment and confined space rescue program.
- Performed risk assessments for exercises in explosive and dangerous environments.
- Issued and maintained hot work permits as well as inspected works to ensure compliance with parameters of the permit.
- Assisted with immediate site investigations and evidence gathering following any incident including fires, hazmat spills, and medical emergencies.
- Monitored and reported compliance deficiencies in HSE violations to appropriate Senior Management personnel.
- Performed and coordinated weekly safety briefings on a wide range of hazards facing colleagues and local community.
- Assisted upper management with the creation and updating of fire response standard operating procedures by providing useful feedback and ideas on procedural improvement.

VOLUNTEER EXPERIENCE

- Society of Fire Protection Engineers – 2023 Executive Committee Secretary for Kentucky State Chapter.
- Habitat For Humanity – Volunteered Habitat For Humanity at home builds and ReStore in Kansas City. Organized company wide volunteer event in Cincinnati with KLH Engineers.
- Free Store Food Bank - Organized companywide event with Cincinnati Free Store Food Bank.
- Girls Scouts of America – Safety Advisor for 12 Girls Scout troops in Qatar.