

Yvonne Luiza, M. Sc.

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Qualifications

Efficient health and safety programs for employees are vital for a company's success and growth. Working as an Industrial Hygienist (IH) and a safety professional in the mining and automotive manufacturing sector for the past 7 years, Yvonne has established sound IH programs in both companies and also transferred capacities to EHS coordinators and technicians at Freeport McMoran's Tenke Fungurume Mining (TFM) in the Democratic Republic of Congo (DRC), and within the current company. She is also well versed in identifying and anticipating safety and health risks and hazards by surveying environmental, operational, and occupational conditions and rendering opinions on new procedures and recommend preventative programs and actions while being proficient with the utilization of several techniques and methods employed for the examination and sampling such as vapors, dusts, fumes, etc.

Citizenship US Citizen

Languages English, Swahili, French & Spanish (Limited Working Proficiency)

Education

Masters of Science in Industrial Hygiene
University of Central Missouri, Warrensburg, Missouri

Bachelors of Science in Biology
University of Central Missouri, Warrensburg, Missouri

Study Abroad Program in French Language and Culture Université de Savoie, Chambéry, France

Certifications

University of Texas El Paso

Project Management Course Certification - In progress

Professional Experience

October 2016 – Global Industrial Hygienist, Product Stewardship and Chemical Compliance, Aptiv-Juarez, MX

- Provide technical expertise and regulatory support to all Aptiv sites (173 sites across 4 continents).
- Plan and implement Aptiv's industrial hygiene program globally.
- Develop and delivery of training courses globally.
- Develop, update and provide industrial hygiene training programs globally.
- Create training programmes including initiating training need analysis globally.

- Conducted risk assessment, chemical approval and management at Aptiv sites.
- Working closely with the Global EHS Manager and other Regional EHS Managers to ensure continuity of EHS standards across the business.
- REACH Regulatory Affairs specialist for Aptiv sites in ensuring compliance with applicable regulations for chemical products through evaluation of product composition and defining any regulatory constraints and fulfilling applicable reporting requirements.
- Review the REACH substance registration process for European sites and streamlining the entire corporate program.
- Collaborated with materials engineering and different sectors of the business to develop and manufacture products that can be made, used and disposed of safely.
- Lead and direct the Substances of Concern team in ensuring compliance of products within the Automotive Industry.

October 2013 – September 2016: Industrial Hygienist II, Freeport McMoran – Democratic Republic of the Congo

- Responsible for the development of written literature and structure for the hearing conservation program.
- Develop yearly EHS Goals for management's approval and monthly report progress against goals' completion to Management.
- Develop safety awareness campaigns and health & safety procedures and provide training to management, employees and contractors.
- Performed specific audits to ensure that the standard operating procedures were understood and followed as outlined.
- Evaluated, assessed and altered safety procedures and policies for the benefit of employees, contractors and visitors.
- Implement the Medgate database used for to manage industrial hygiene (IH) sampling data and the ergonomics program.
- Supervise the Electro Winning plant (copper harvesting plant) comprised of 40 employees per shift.
- Initiate and maintain acid mist reduction systems at the Electro Winning plant, which led to reduction of acid mist exposure.
- Prepare and conduct safety training sessions for employees and contractors.
- Collaborate with the environmental department to implement and maintain a chemical management system for all the chemicals that come to site.
- Review industrial hygiene exposure programs in place at the plant and coordinate with different teams within the organization and contractors and improve controls for identified risks in the plant's OHS risk register.
- Manage the blood lead program by sampling lead at the Electro Winning plant, providing training and monitoring lead levels in employees with the support of ISOS. The program generated 100 % participation of Electro Winning operators.
- Develop the Emergency Response Program for fire and toxic gas evacuation and provide training to employees and contractors.

June 2012 – October 2013: Industrial Hygienist I, Freeport McMoran – Democratic Republic of the Congo

- Developed and implemented a Standard Operating Procedure (SOP) for asbestos management program within the mine (pits) and quarries. Provide training to employees and contractors.
- Developed and implemented a respiratory protection program and provide awareness trainings at the mine and process areas.

- Implemented the new corporate confined space policy by reassessing all identified confine spaces at the plant and update associated controls, including permits.
- Prepared sampling reports to the department's manager and follow up on the recommendations.
- Developed and conducted ergonomics study within the Electro Wining and the geology core cutters through introducing improved systems.
- Conducted safety training at morning meetings to reiterate the importance of the established SOPs within different areas of the plant and departments.
- Collaborated with the warehouse management to correct issues with safety equipment and employee protection within safety regulations.
- Conducted respiratory fit tests for employees and contractors.

May 2011 – August 2011: Industrial Hygiene Intern, Freeport McMoran Copper and Gold – Miami, AZ

- Conducted sampling at the Mine and inspect different plants for compliance to applicable requirements.
- Conducted training for new employees and contractors on company health and safety regulations and work safety during the plant shut downs.
- Ensured compliance with OSHA health and safety regulations and company driven standards.
- Conducted regular inspections to assess employees' compliance to safety requirements (i.e. MSHA, OSHA and company).
- Prepared timely reports to the department's manager and follow up on the recommendations.
- Performed noise study at the Rod Plant utilizing the Cirrus noise dosimeters for area sampling and personal noise dosimeters for employees and presented recommendations to high management.

Achievements

2014 AIHA – Future Leaders Institute (FLI) Graduate

2010-2012: Newsletter Editor, AIHA Minority Special Interest Group, Falls Church, VA

- Wrote articles about rising issues and concerns in relations to OHS.
- Collaborated with the team to determine relevance of the article submitted for publishing.
- Updated the newsletter with new research that has been released regarding OHS.

Affiliations

Member of the American Industrial Hygiene Association