

COCCIARDI and Associates, Inc.

Risk & Safety Management • Environmental Health
Emergency Preparedness • Safety Engineering
Consulting and Training

PROFESSIONAL PROFILE

ALEXANDER RUDY SAFETY, HEALTH AND ENVIRONMENTAL TECHNOLOGIST

EDUCATION:

Bachelors of Science, Geology (2014)
Lock Haven University, Lock Haven, PA

PROFESSIONAL PROFILE:

Mr. Rudy is a Safety, Health and Environmental Technologist in the company's Operations Division. He provides technical services within the field of occupational/environmental safety and health. Mr. Rudy is continuously screening and implementing the requirements of local, state, and federal safety, health and environmental regulations. The agencies which put forth these regulations include the Pennsylvania Department of Environmental Protection (PA DEP), U.S. Environmental Protection Agency (U.S. EPA), U.S. Army Corps of Engineers, U.S. Department of Transportation, U.S. Department of Labor and Industry, and Occupational Safety and Health Administration (OSHA). Once the most recent regulations have been digested, they are then upheld throughout his various services provided which include but are not limited to: 24/7 emergency response, hazardous waste/materials removal and disposal, oversight of hazardous waste/materials removal and disposal, oversite of asbestos abatement projects, and indoor air quality monitoring for environmental health hazards.

CERTIFICATIONS:

- First Aid/CPR (National Safety Council)
- Bleeding Control Basic
- Hazardous Waste Operations and Emergency Response Worker (40-hour)
- OSHA 10-Hr Construction Safety and Health
- Permit Required Confined Space, Entrant, Attendant, and Supervisor (8hr.)
- Lead Based Paint Certified Renovator (8 hr.)
- Asbestos Contractor/Supervisor (40 hr.)
- Asbestos Inspector (24 hr.)
- USPHS/NIOSH 582 Equivalency Certified Microscopy Certificate

SELECT PROJECT EXPERIENCE:

Project: Sampling for Biological and Radiological Hazards carried by Mail

Description: Performed sampling for potential radiological and biological threats from incoming mail. Radiation sampling was performed using a Geiger counter and Biological via powder screening kits used for testing of possible biological threats such as Bacillus anthracis, Botulism Toxin, Ricin, and Staphylococcal Entrotoxin B (SEB).

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SELECT PROJECT EXPERIENCE (CONTINUED):

Project: Asbestos Abatement Oversight

Description: Project oversight and air quality monitoring for projects involving the removal of asbestos containing materials (ACMs). During the oversight projects, inspections of the containments and decontamination areas are made to meet the State and Federal requirements for abatement processes. Air sampling is also performed utilizing high volume and low volume pumps and the associated cassettes. After a section of ACM has been abated, final air samples are collected and read with a microscope utilizing the NIOSH 582 method. Once the final air samples meet the concentration requirements and a final inspection has been conducted, containments are disassembled and/or moved to the next area which requires abatement.

Project: Soil Sampling for Environmental Health Hazards

Description: Oversight of hazardous soils excavation and disposal. Composite soil samples were taken to clear the areas that had previously been determined to be contaminated with polychlorinated biphenyls (PCBs). Soils were excavated in a grid pattern to various depths based on previous soil samples/analyses.

Project: Indoor Air Quality Assessment (Asbestos)

Description: Assisted a new home buyer in determining if the breathing air inside their new potential home contained safe fiber counts following renovations that had previously taken place. High volume pumps in conjunction with phase contrast microscopy cassettes were utilized during this evaluation. Once the samples had been collected, they were then sent to an accredited laboratory for analyses.

Project: Arsenic Containing Materials Removal and Disposal

Description: Removal and Disposal of Arsenic containing materials, which includes constructing a work area that was under negative pressure where the waste materials were to be packaged using a HEPA negative air unit. Packaged all identified arsenic containing waste for disposal, sealed the containers, and decontaminated all surfaces. Personal air sampling was utilized during the removal activities to document the air concentrations during the removal process. Composite wipe samples were taken to document any remaining arsenic and post activity air samples were taken to identify air characteristics in the areas following removal.