

COCCIARDI and Associates, Inc.

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

PROFESSIONAL PROFILE

RYAN MATTHEW BOWERS, MS, CSP SAFETY, HEALTH AND ENVIRONMENTAL SPECIALIST

EDUCATION:

Masters of Science, Safety Sciences (2010)
Indiana University of Pennsylvania, Indiana, PA

Bachelor of Science, Safety Sciences, (2007)
Indiana University of Pennsylvania, Indiana, PA

PROFESSIONAL PROFILE:

Ryan Bowers is a Board-Certified Safety Professional (#24126). Mr. Bowers' primary duties include implementation of local, state and federal safety, health and environmental regulations within Cocciardi's University EHS Division. He has experience developing, implementing, and managing various Environmental Health and Safety Programs in both manufacturing and higher education sectors. Corresponding projects include: program management, hazard identifications/industrial hygiene assessments, regulatory compliance audits and safety/environmental program development

CERTIFICATIONS:

- Certified Safety Professional (CSP) June 2013
- OSHA 10 hour Construction Safety and Health
- American Red Cross CPR/AED and First Aid 2014
- NIOSH 582 Training -Sampling and Evaluating Airborne Asbestos Fibers
- Asbestos Inspector Initial (29 CFR 1926.1101/40 CFR 763)- 24-hour training course

MEMBERSHIPS AND AFFILIATIONS:

- American Society of Safety Engineers
- American Industrial Hygiene Association

SELECT PROJECT EXPERIENCE:

Project: Personal Protective Equipment (PPE) Program

Description: Provided training, completed compliance audits and conducted hazard assessments as required in OSHA regulations for facility and staff of higher education institutions.

Project: Confined Space Program Administration

Description: Conducted as assessment of confined spaces in accordance with 29 CFR 1910.146 to determine applicability and designation under the aforementioned standard. Upon designation of spaces, written procedure of safe entry and hazard mitigation were developed and implemented. Inventoried 300 confined spaces at 21 different locations. The inventory was used to determine compliance with the Confined Space Safety Program.

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SELECT PROJECT EXPERIENCE (CONTINUED):

Project: Near Miss Management

Description: Created a near miss training and reporting program to communicate the importance of identifying all near misses. The training program included a near miss identification form. The form is used by supervisors to document any near miss that occurred and appropriate hazard mitigation/corrective actions that may be taken.

Project: Industrial Hygiene Assessments

Description: Performed various evaluations at university and manufacturing sites for potential health hazards related to lead, silica, carbon monoxide and formaldehyde.

Project: Laboratory Safety Inspections

Description: Performed laboratory safety inspections in chemistry, engineering, agriculture departments and Animal Diagnostic Laboratory. Provided a summary report and presentation regarding findings which included corrective action measures.

Project: Job Safety Analysis (JSA)

Description: Created a JSA form to document the employee's task. The JSA form included PPE requirements and safety hazard identified. The JSA's were completed for wood processing machines and foundry molding machines.

Project: Incident Data Tracking

Description: Created and modified an incident data spreadsheet which identified all safety incidents at a research university. The spreadsheet tracked total incidents, OSHA recordable, lost time and department work hours. The spreadsheet has over 40 different graphs and over 42 million work hours.

Project: Indoor Air Quality (IAQ) Assessments and Investigations

Description: Conducted assessments of IAQ to determine sources and employee exposure assessments. Provided reports which included analytical interpretation, conclusion, and recommendations.

Project: Mechanical Room Inspection

Description: Conducted inspections to determine if access to this space is needed, what safety hazards will be encountered and if any safety training is required.

Project: Respirator Fit Testing

Description: Conducted fit testing using both Qualitative and Quantitative OSHA Methods.

Project: Machine Guarding Guidance Document

Description: Created a guide which provided laboratory managers specific machine guarding requirements. These documents were included in the Machine Shop Safety Program.

SELECT PROJECT EXPERIENCE (CONTINUED):

Project: Drinking Water Sampling

Description: Performed an assessment of water quality in accordance with applicable drinking water standards. The completed assessments identified potential containments such as lead, copper, H2O hardness and pH levels.

Project: TIER II Reporting

Description: Completed Annual reporting requirements for the State of Pennsylvania and local government municipalities. The report is designed for chemical emergency planning.

Project: Environmental Noise Assessment

Description: Performed a noise survey on a construction site on a higher education campus. The completed assessment was used to determine impact jobsite activities would have on the University Community.

Project: Safety Training

Description: Performed general safety training to provide individuals with the knowledge to reduce possible Workers Compensation claims and regulatory fines. Topics include:

- Forklift and Aerial Lift
- Lockout tagout
- Right to Know and Hazard Communication
- Back Safety
- Workplace Safety Committee Refresher
- Laboratory Safety
- Hearing Conservation Program

Project: Heat Stress Monitoring

Description: Conducted an assessment in a manufacturing facility to determine employee and area exposure for Heat stress. The completed assessment was used to determine the location with the highest exposure of heat stress and determined which locations need corrective and preventative actions.