

Atiya K. Syverson, MS, CIH, CSP, CPE,**281/829-1595****281-961-0389****ativasverson@att.net****SUMMARY**

Has over 24 years' experience in industrial hygiene, safety and ergonomics. Currently supports industries at the corporate level. Provides 30-40 HAZWOPER and safety training classes per year (LOTO, Hot Work, Confined Space, Hazcom, NORM, Benzene, Hydrogen Sulfide, etc.) , develops emergency response training programs and interactive iPad training, and assesses risks to employee health and safety. Has conducted numerous training in topics such as Respiratory Protection, Hex Chrome, Hearing Conservation, etc., Corporate experience obtained as manager of industrial hygiene for Canadian Pacific Rail Systems and as industrial hygienist for Duke Energy Corporation. Experience with industry includes companies such as BP, Anadarko, Chevron Phillips, Magellan Midstream LLP, Duke Energy, Duke Energy International, DCP Midstream, Unocal, ConocoPhillips, Shell, Texas Genco, Northern States Power and South Carolina Electric & Gas, Cobalt International, Statoil, Lubrizol, etc. Other industry experience includes Cryovac, Northwest Airlines, the Metropolitan Airports Commission, 3M, Alliant Tech, BBA, Lockheed, McKechnie Plastics, and Brown & Williamson. Served as Vice-President of the American Industrial Hygiene Association (AIHA), Carolinas Section. Presented (at the American Industrial Hygiene Conference & Exposition), a case study on Chromium VI exposures at a Duke Energy nuclear plant.

EDUCATION & KEY TRAINING**Mold Assessment Consultant- License Number MAC-1481**

Bachelor of Arts, Biology, University of Iowa

Masters of Science, Environmental Health, University of Iowa

40 Hour and Annual 8-Hour Hazardous Waste Operations and Emergency Response Trainer (HAZWOPER)

Hydrogen Sulfide Trainer

OSHA Outreach Trainer Construction prior

OSHA Outreach Trainer General Industry

Hazardous/Toxic Waste Management Asbestos Inspector -prior

First Aid/CPR Trainer

PROFESSIONAL CERTIFICATIONS

Certified Industrial Hygienist (CIH)

Certified Safety Professional (CSP)

Certified Professional Ergonomist (CPE)

Certified Ergonomics Assessment Specialist II (CEAS II)

PRESENTATIONS & PUBLICATIONS

Syverson, A.K. February 20, 2014. "Substructure EPC: Climate Risk Assessment and Chemical Handling Risk Assessment Update", Greater Houston Industrial Hygiene Council.

Syverson, A.K. May 11, 2004. "Responding to a Hexavalent Chromium Leak at a Nuclear Power Plant", 2004 American Industrial Hygiene Conference and Expo.

Syverson, A.K. April 25, 2001. Panelist on Safety Management Panel: "How to Manage OSHA," 2001 Technical Association for the Pulp and Paper Industry (TAPPI) International Environmental, Health & Safety Conference and Exhibit.

Syverson, A.K. April 25, 2001. "Ergonomics after the Repeal," 2001 Technical Association for the Pulp and Paper Industry (TAPPI) International Environmental, Health & Safety Conference and Exhibit.

Syverson, A.K. April 24, 2001. "10- Hour OSHA Voluntary Compliance Program," 2001 Technical Association for the Pulp and Paper Industry (TAPPI) International Environmental, Health & Safety Conference and Exhibit.

Syverson, A.K. April 24, 2001. "Ergonomics Update," 2001 Technical Association for the Pulp and Paper Industry (TAPPI) International Environmental, Health & Safety Conference and Exhibit.

Syverson, A.K. April 23, 2001. "10- Hour OSHA Voluntary Compliance Program," 2001 Technical Association for the Pulp and Paper Industry (TAPPI) International Environmental, Health & Safety Conference and Exhibit.

Syverson, A. K. March 20, 2001. "Heat Stress," Cast Metal Institute, Safety in the Foundry XIII Seminar.

Syverson, A. K. March 15, 2001. "The Ergonomics Regulation and What It Means to You," Georgia Water Pollution Control Association.

Syverson, A.K. September 21, 2000. "Enhanced Records Management through Computer Technology," 2000 Carolina's Environmental, Health and Safety Conference.

Syverson, A.K. September 12, 2000. "Recognition, Evaluation and Control of Workplace Hazards," Brunswick Corporation, 2000 Brunswick Safety and Environmental Conference.

Syverson, A.K. April 12, 2000. "Ergonomics – Proposed Federal Regulations,' Golden Strip Safety Group Meeting.

Syverson, A. K. February 9, 2000. "Ergonomics- Proposed Federal Regulations," Health and Safety Issues for Michigan Employers and Workers, by the Foundry Association of Michigan.

Syverson, A.K. April 1, 1997. "Office Ergonomics," Minnesota Chapter of National Association of Secretarial Services.

Syverson, A.K. September 25, 1996. "Overview of HAZWOPER Regulations," Minnesota OSHA Construction Series.

Syverson, A. K. August 1, 1996. "Office Ergonomics," Crookston Schools, Crookston, Minnesota.

Syverson A.K. May 2000. "Workplace Violence Prevention is Good Business," South Carolina Business Journal, the Report of the South Carolina Chamber of Commerce.

Syverson, A.K. February 2000. "Violence in the Workplace," for the Safety Line, South Carolina Chapter of the American Society of Safety Engineers.

EMPLOYMENT

Ash Health & Safety LLC (January 2004-Present)

Audited facilities under OSHA scrutiny. Provided industrial hygiene, safety, and ergonomics support to BP's on-shore, off-shore facilities and North American Gas facilities. Led the BP potable water efforts in the Gulf of Mexico. Conducts assessments onshore and offshore, catering surveys offshore, and onshore and offshore chemical exposure assessments.

Investigated a mercury exposure incident offshore. Developed and presented ergonomics training for Unocal, and a three-day ergonomics course for Rohm & Haas. Conducted extensive ergonomic assessments of industrial operations at ConocoPhillips and of office workstations at Anadarko, BP, EnerVest, and Cobalt International. Conducted extensive ergonomic review of site activities at Lubrizol and identified creative ways to correct ergonomic risk factors. Provides support on a variety of health topics including chromium VI issues, mercury, PPE, contractor safety, etc.

Provided environmental, ergonomics, and health & safety support to Spectra Energy. Developed a qualitative risk assessment strategy and evaluated EMF effects on pacemakers. Conducts safety training, audits, ergonomic evaluations, and develops contingency plans. Developed and conducted multiple HAZWOPER refresher courses for MD Anderson, Magellan Midstream LLP, Chevron Phillips and a two-day Accident Investigation class for Texas Genco. Taught a hazard recognition class for a Shell safety auditing team. Provides complete industrial hygiene support for Wild Well Control including annual Respiratory Protection and Hydrogen Sulfide training.

Recently developed a White Paper entitled "Providing Potable Water to OCS Facilities" for the Offshore Operators Committee. This involved working with the Major Oil Companies, as well as smaller operators and services contractors. Took the lead in organizing conference calls, leading the calls and development process, and did the technical work for the development of the White Paper.

Clients include Anadarko, Statoil, Nexen, Superior Energy, EnerVest, Magellan, Chevron, Cobalt Energy International, Technip, Atkins, HB Rentals, Wild Well Control, BTI, TGGT, Eagle Rock Energy, VAM Drilling, LDH Energy, Lubrizol, Trinidad Drilling, Precision Drilling, etc.

Duke Energy Corporation (August 2002-December 2003)

Provided environmental, industrial hygiene, safety and ergonomics expertise to Duke Energy. This includes providing on-site assessments/audits, regulatory compliance assistance, regulatory review tracking, noise surveys, ergonomics support, health and safety training, program development and implementation, etc. Identified and addressed health and safety needs at Duke Energy's Oconee Nuclear Site (air quality, dermatitis, injury reduction, asbestos, lead, and employee exposure characterization). Was the lead IH for an unexpected chromium VI release. This involved technical communication with concerned employees and upper management, and implementing a sampling plan and medical surveillance plan. Worked closely with upper management and corporate attorneys to protect workers and prevent work stoppage. Provided technical information for communication with the Media. Was the corporation's ergonomics expert.

Consulting Firms (January 1996-August 2002)

Provided training to clients such as Lockheed (DOT training), BBA Nonwovens (Confined Space Entry) and Cryovac (Machine guarding & Risk Management). Provided air quality services to ECS, Ltd., industrial hygiene services to Kestrel Management Services, LLC, and ergonomics expertise to Merial, Ltd. (an international vaccine company).

As a senior consultant, was involved in client development and obtaining new clients. Served as the technical lead for industrial hygiene, safety, and ergonomics in the Southeast Region. Assisted internal projects and clients attain risk management and OSHA compliance goals. Projects include H&S audits, mercury investigations, lead remediation planning and assessment, noise assessments, and ventilation issues. Developed considerable safety processes. Conducted training internally and for clients. Conducted extensive ergonomic reviews for Johnson & Johnson, and developed strategies for workplace redesign and process change.

Provided technical support on a multi-million-dollar hazardous waste project for the US Army Corp. of Engineers. The site contained explosive wastes, and the project involved investigation, remediation, and construction activities. Conducted air sampling for a variety of organic compounds during printing operations, assessed existing contaminant control measures and made recommendations for improvements where applicable. Conducted noise monitoring of the printing facility. Conducted industrial hygiene assessments for a circuit board manufacturer. Developed and presented Right-to-Know training. Presented 40-Hour and 8-Hour training and developed Material Safety Data Sheets (MSDSs).

Worked closely with the Risk Management team at the Metropolitan Airports Commission (MAC) in Minnesota. Developed and presented Asbestos Awareness Training and Confined Space Entry training in compliance with OSHA requirements and MAC policies. Other programs developed for MAC include Personal Protective Equipment, Respiratory Protection, Lockout/Tag out, Confined Space Entry, Employee Right-to-Know, Blood borne Pathogens, etc. Conducted noise surveys of MAC employees working throughout the airport. Conducted air monitoring for diesel contaminants in the baggage unloading/tug areas and in airline offices. Investigated employee exposures to bioaerosols during filter changing operations in air handling units.

Developed and presented a course on Industrial and Office Ergonomics for Northern States Power

(NSP). Taught ergonomic principles, prevention techniques, and methods to evaluate work tasks for repetitive motion injury risk factors. Conducted an extensive ergonomic assessment of all administrative offices for Independent School District 77, in Minnesota. Recommended improvements to each area assessed and made quick fixes while conducting the assessment.

Performed an extensive Indoor Air Quality Assessment for the Orono Schools in Minnesota. The assessment included air sampling for indoor air contaminants and bioaerosols. Corrective measures were recommended based on visual assessments and air sampling.

Canadian Pacific Rail Systems (October 1994- December 1995)

Was the manager of Industrial Hygiene for US Operations. Worked closely with the training department to develop health and safety training programs and was the technical advisor for such training. This involved dealing with all levels of management and the trades. Worked with the legal department as a technical expert for lawsuits. Coordinated safety activities with five safety coordinators. Initiated a PRO-BODY program to increase awareness of cumulative traumas and musculoskeletal injuries. Initiated and developed a Manganese Screening Program for welders. Performed air sampling for welding fumes during "frog" welding and other rail welding operations. Conducted air sampling for diesel exhaust and conducted noise surveys to determine occupational and community noise exposures. Conducted ergonomic evaluations for clerical staff and train dispatchers and implemented corrective and preventive measures. Organized the annual audiometric testing of employees covered by the company Hearing Conservation Program. Developed procedures and selected personal protective equipment for employees working in areas sprayed with herbicides.

Consulting Firms (1990-October 1994)

Developed health and safety programs for the investigation and remediation of manufactured gas plants sites, industrial and municipal landfills, petroleum release sites, scrap yards, and lead and mercury contaminated sites. The plans include personal protective equipment needs; exposure monitoring requirements, and emergency action plans. Provided technical expertise for remediation projects. Provided ergonomic expertise. Developed water safety procedures and checklists for property assessments. Developed a chemical hygiene plan for a laboratory.

Worked closely with the 3M environmental laboratory to develop spill response and disposal procedures for MSDSs. Evaluated the environmental fate of commercial products and developed product environmental data sheets. Initiated the development of a computer program for the development of MSDSs. Evaluated waste streams for packaging, transportation and treatment in compliance with the Department of Transportation and the US Environmental Protection Agency regulations.

Performed ergonomic evaluations of design, computer, and banner making areas of a banner manufacturing company. Provided recommendations for improving workspace layout and body positioning while working. Was contracted by the Hennepin County Technical College (Minnesota) to present a training session on Office Ergonomics for Alliant Tech. The training involved the use of slides to illustrate "what's wrong with this picture" and subsequent corrective actions. Small working groups assessed actual workstations and recommended low-cost improvements.

Conducted noise surveys and air sampling for Northwest Airlines to assess occupational exposures to noise and hazardous chemicals during aircraft maintenance operations. Other industrial hygiene assessments included organic vapors and mercury vapors during bulk transfer of solvents, oil-based paints and latex paints at a household waste collection facility. Assessed the indoor air at Tennant Corporation's offices.

Training References:

Karen Nelson, Supervisor, Cypress Safety Services, 281/731-0810

Casey Davis, Director, Emergency Response Division, Emergency Site Protection, 281/844-3293

Otis Perry, GM, HSE Services Group, Wild Well Control, 281/784-4700

Chris Sellars, Supervisor, Training Programs, Magellan Midstream Partners, 918/574-7790