

## *Curriculum Vitae*

JON J. PINA, MS, CSP  
Safety, Health, and Environmental Professional  
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### SUMMARY OF EXPERIENCE

More than thirty years in safety management, loss prevention, consultation for construction and demolition, coal, chemical, steel, and hazardous waste. Can observe cases from viewpoint of Safety and Health professional, construction manager, and “hands on” worker. Construction Manager on many large-scale demolition projects. Union journeyman pipefitter. Taught environmental, earth and space science for five years in the Pennsylvania public school system. Presently, Indiana University of PA Safety Science faculty and an independent consultant.

### SKILLS

OSHA Safety & Health, Environmental, Asbestos, Demolition, Construction Manager, Chemical Process Plant Operations & Maintenance, Pipefitter, Welder, Oil/Gas Drilling safety, Heavy Equipment Operator, Machine Guarding, Scaffolding, Slip/Trip/Fall, Building Safety, Defensive Driver, Instructor, and Emergency Medical Technician. OSHA, EPA, and DOT regulations.

### EDUCATION

MS in Safety Management, Indiana University of Pennsylvania, 1989  
MS in Geology, Indiana University of Pennsylvania, 1978  
BS in Geoscience Education, Indiana University of Pennsylvania, 1972

### CERTIFICATIONS

Certified Safety Professional (CSP) Certified by the Board of Certified Safety Professionals, Certificate #12775  
Certified Professional Instructor II, Certificate #75-044339  
Defensive Driver, National Safety Council, Certificate # 4121503  
40 hr. Hazardous Waste Protection Certificate (HAZWOPER)  
8 hr. Supervisory HAZWOPER  
32 hr. Asbestos Abatement Contractor/Supervisory Certification  
24 hr. Asbestos Building Inspector  
DOE Radiation Worker II

DOT Air Shipping Dangerous Goods  
Emergency Medical Technician (EMT) - certified 1985-1998  
WORK EXPERIENCE

1999-Present INDIANA UNIVERSITY OF PENNSYLVANIA - Faculty; Pennsylvania/OSHA  
Consultation Program. - Indiana, PA

Provides OSHA consultation services for private industry through a federal/state grant. Safety Sciences  
Department faculty position as an instructor for undergraduate/graduate safety curricula.

1997-Present EVERGREEN ENVIRONMENTAL HEALTH AND SAFETY, INC. - Indiana, PA

Safety, health, and environmental consulting/training; OSHA 10hr. General Industry and Construction,  
HAZWOPER, and forklift certification. Expert/consultant for plaintiff and defense attorneys. OSHA  
consultation/site inspections, Phase I Environmental Assessments, Slip, Trip, & Fall incidents, and  
Defensive Driver training. Investigations of mudslides, floods, and erosion.  
Managed \$30 million environmental remediation and complete demolition (1999-2001) of the last large  
steel mill in Pittsburgh's city limit for LTV Steel Co., Cleveland, OH.

1994-1997 INTERNATIONAL TECHNOLOGY CORPORATION - Monroeville, PA  
(currently SHAW INFRASTRUCTURE)

Corporate Health and Safety Manager for the Engineering, Construction, and Remediation Division.  
Responsibilities included home office support for all programs for private industry, government, military,  
and superfund projects. Most projects involved the drilling/core sampling, removal, encapsulation,  
landfills, stabilization, or incineration of hazardous and non-hazardous wastes. Many of the military sites  
required the locating, excavating, and destruction of explosive ordnances. Support and direction  
provided for over thirty health and safety professionals assigned to field projects and other offices.  
Developed intern program for IUP safety science majors. Worked with case managers, Workers'  
Compensation, and legal department.

1981-1994 ICF KAISER ENGINEERS, INC. - Pittsburgh, PA

1989-1994 Environmental Health and Safety Manager and Site Manager for the environmental site  
restoration, construction, and engineering division. Managed asbestos abatement, environmental  
drilling/remediation, and demolition of steel mills, coke plants, chemical plants, paper mills, aluminum  
smelting, and other various processing facilities. Included among the large steel facilities demolished  
were USX Duquesne Works, USX McKeesport National Tube Works, LTV Aliquippa Coke, LTV  
Donner-Hanna Coke in Buffalo, NY, and LTV Cleveland Coke. Managed the cleanup and demolition  
of the Fike Chemical Superfund Site in Nitro, WV, an infamous batch chemical plant that was built over  
a former ammunition plant. Responsible for weighing scrap metal/hazardous wastes that were shipped  
off-site. Conducted RI/FS sampling on 8 DEW line Radar Stations on Alaska's north shore.

Created bid packages, awarded bids, and assisted in qualification package development and marketing. Conducted Hazardous Waste Health and Safety Certification training. Wrote many Health and Safety Plans, including Contingency Plans. Air monitoring for asbestos, metals, dioxins and other organics, confined space entries, hot work permitting; respirator fit testing; and conducting varied health and safety meetings and site orientations were part of the many duties performed. Experience includes asbestos abatement, PCB spill cleanup and removal, varied hazardous wastes disposal, large inventories of drums and lab packs, underground storage tank (UST) removal, soil bioremediation, well development, and ground water monitoring and cleanup.

1981-1988      Safety Director and Plant Operator for the Electric Power Research Institute's (EPRI) Coal Quality Development Center in Homer City, PA.

Safety Director - Developed Safety Program and conducted safety audits and safety meetings. Topics presented at the monthly safety meeting/training sessions included proper lifting techniques, fall protection, fire brigade training, electrical hazards, radiological exposure, electrical/ mechanical/ pneumatic, lockout procedures, hazardous material handling, oxyacetylene/welding, forklift/front end loader operation, conveyor belt safety, hoists/chainfalls/rigging procedures, first aid training, "HAZCOM" (worker "Right-To-Know"), toxicological effects of chemicals, dust hazards, chemical substance abuse, and employee attitude effects toward accident prevention. Responsibilities included administering all aspects of First Aid to plant and office personnel. Conducted preliminary design work on proof-of-concept process plant utilizing methylene chloride for coal/refuse separation. Developed safety procedures for plant layout and operation.

Plant Operator - Responsible for total operation of plant, which included heavy media circuits, froth flotation, concentrating tables, centrifuges, belt filter presses, and other dewatering equipment, and maintenance of the facility. Wrote operating procedures. Operated front-end loader to load coal/refuse into dump trucks to transport to power plants.

1976-1981      STEARNS-ROGER, INC. (BI-GAS Pilot Coal Gasification Plant)

Chemical Operating Technician responsible for plant startup and monitoring of high pressure/temperature, entrained coal gasification facility. Advanced from a trainee to main control room operator of an advanced process of converting coal into methane utilizing an oxygen-blown gasifier/reactor, gas purification, ammonia, and sulfur removal units, and a fluidized bed catalytic converter. Much experience was gained operating support equipment such as steam generation units, multi-stage compressors and pumps, rod and ball mills, centrifuges, chillers, clarifiers, cooling towers, and cryogenic units. Trained new employees, inventoried chemical storage and fire systems, and assisted with fire brigade training/rescue drills. Unloaded coal from trucks and railroad cars. This position gave me a chemical engineering background that has benefited me throughout my career.

1972-1976      WESTMONT HILLTOP SCHOOL DISTRICT - Johnstown, PA

Taught high school Earth and Space, Environmental, and General Science.

Supervised laboratory exercises and maintained chemical storage room.

## PROFESSIONAL ASSE/OSHA TRAINING INSTITUTE

Attended many professional development courses over the last two decades on topics such as: Hazardous Materials, Construction, Fall Protection, Forklift Operations, Machine Guarding, Scaffolding, Tower Safety, HAZCOM, Electrical Hazards, SARA III, Safety Management, Safety and Health Programs, 16 hr. Disaster Site Worker, SEAK Expert Report Writing and Persuasion Skills Workshops.

## PROFESSIONAL ORGANIZATIONS

American Society of Safety Engineers (ASSE), elected to Professional Member Status in 1996.  
Western Pennsylvania chapter of ASSE

American Industrial Hygiene Association (AIHA) 1994-1999

American Trauma Society 1985-1989

## PUBLICATIONS

Recently authored a chapter on Emergency Preparedness Regulations for publication in the new American Society for Safety Engineers (ASSE) Handbook.

“Tips for Complying with OSHA’s Asbestos Regulations,” October 1, 2001, *Environmental Managers Compliance Advisor*, A publication of Business and Legal Reports, Contributing Author/Expert Panel

“Preventing IFSs - Injuries, Fires, and Spills,” September 1995, *Professional Safety*. ASSE monthly publication.

Master’s Thesis, “Limestone as a Coal Slagging Flux for Use in High Pressure Coal Gasification,” IUP Library, 1978, as part of a requirement for MS degree.

## OUTSIDE ACTIVITIES

Civic/Community: Technical Advisor for the Local Emergency Planning Commission (LEPC), Indiana County, since 1986.

Parental Advisory Committee for Indiana Schools.  
Guest speaker at schools and universities.

Adjunct Professor for Safety Science Department at IUP (1996-1999). Lecturer on construction

safety for civil engineering students at University of Pittsburgh.

PA Cleanways, Blacklick Watershed Stream Restoration, Trout Unlimited.