

CHEMIST

Environmentalist - Engineer - Technician

Highly knowledgeable and results-driven Senior Chemist with 15+ years' combined experience in environmental compliance, wastewater treatment, nuclear chemistry, and laboratory supervision. Deliver practical solutions to desired client requirements within world class organizations. Demonstrate high level of leadership, initiative, and problem-solving skills in complex scientific environments. Exceptional written, interpersonal, and public communication skills. Strengths include:

- Sample Collection & Analysis, Infrared Spectroscopy, Laboratory Supervision, Process Optimization, Staff Training & Supervision, Atomic Absorption, Regulatory Compliance, Site Inspections, Gas Chromatography, Quality Assurance & Control, Safety Management, Staff Direction

State of Maryland Department of Environmental Quality Class D and Maryland Water Environment Association Grade II Certified

PROFESSIONAL EXPERIENCE & ACHIEVEMENTS

COMPANY NAME, CITY, ST 2007-Present

Nuclear Chemist & Senior Lab Technician (2007-Present)

Ensure safe and on-time completion of daily processes. Respond to outages by identifying deficiencies and developing solutions. Continuously analyze data records, and trends for process improvement.

- Work 12-hour shifts during outages to quickly resolve issues. Strictly follow all safety and regulatory requirements, including EPRI and INPO guidelines. Maintain safe working environments and consistently meet technical specifications. Completed Group University's College of Nuclear Power program.

Environmental Specialist (2008-2010)

Managed Site Environmental Program for nuclear power plant. Ensured all processes and procedures were in compliance with operating licenses, NRC, and federal, state, and county regulations. Coordinated and prepared for site inspections. Oversaw chemical and non-radiological waste storage and shipment.

- Effectively and safely managed Hazardous Materials building; properly cleaned and disposed of site spills. Completed Tier II, Tier V, Asbestos, Air, and other specialized reports on time and with complete accuracy.

COMPANY NAME, CITY, ST 1997-2007

Environmental Compliance Inspector & IPP Coordinator

Direct Industrial Pretreatment Program (IPP) for City, ST. Supervised team of 3 lab technicians in sample collection and test execution. Worked with state officials in issuing permits to local industries; monitored companies through yearly inspections, sample analyses, and surveys to determine compliance with local limits. Enforced requirements, issued violation notices, and assisted with consent order negotiations with Sewer Use Ordinance.

- Wrote comprehensive annual reports for State of Maryland Department of Environmental Quality (DEQ), clearly documenting all IPP activities.

- Completed PCB (polychlorinated biphenyl) Minimization Plan, Mercury Minimization Plan, and other special projects as assigned by the State of Maryland; contributed to elimination of all PCBs and mercury discharge in sewer system.
- Met all EPA and State of Maryland requirements over 10-year tenure.

COMPANY NAME, CITY, ST 2002–2005

Section Director

Appointed to direct 11 sections throughout Maryland for water quality professionals' organization with 2K+ members. Attended monthly Board of Directors meetings and led individual section meetings. Organized biannual seminars for waste water plant operators. Arranged speakers to cover latest topics in waste water industry, including plant maintenance issues and enforcement of environmental regulations.

- Served on Industrial Pretreatment Committee to keep members informed of new requirements and technologies in pretreatment processes.

COMPANY NAME, CITY, ST 1996–1997

Laboratory Technician, City Powertrain Plant

Analyzed and conducted tests on metal working fluid tanks to ensure proper concentration and parts protection during production. Supervised site union staff to ensure on-time completion of all projects.

COMPANY NAME, CITY, ST 1995–1996

Analytical Chemist

Studied air samples via gas chromatography in corporate safety/industrial hygiene laboratory. Logged all samples, prepared calibration standards, analyzed samples and standards and performed calculations to document results. Held cradle-to-grave responsibility. Participated in American Industrial Hygiene Association (AIHA) Proficiency Analytical Testing (PAT) sample analyses to complete QA/QC activities for lab accreditation.

EDUCATION

B.A. in Business & Chemistry, College Name, City, ST

M.S. in Chemical Technology, College Name, City, ST

Pretreatment Facility Inspection Course, College Name, City, ST

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