

# Rashmin C. Pathak

## Experience Summary

Environmental Engineer with over Twenty-Eight years experience in the compliance Management of Air Quality, Wastewater, and Hazardous Materials. Experience includes performing Remedial Investigations / Feasibility (RI/FS) studies for sub surface Soil / Water contamination. "Cradle to Grave" management of Hazardous materials. Phase I / Phase II Environmental site assessments. Complete Closure of RCRA facilities. Hazardous Air pollutant's emission determination from various industrial operations. Hazardous waste source reduction studies. Storm water pollution prevention studies. Compliance Audits, Implementation of RCRA, CERCLA, OSHA, Clean Air Act and Clean Water Act, promulgated by US Environmental Protection Agency. Project and program management, Quality assurance and Control.

## Education

M.S. Environmental Engineering University of Southern California. 1976.  
B.S. Mathematics Gujarat University, India. 1968.  
B.S. Chemistry Gujarat University, India. 1966.

## Registration

Registered Environmental Assessor (REA) - State of California # 0288

## Experience

Performed complete environmental site closure for several tiered facility (Tecstar Inc., City of Industry, Weslock Brand Inc., Los Angeles, CA, Modern Faucet Mfg. Co. Los Angeles, CA, Calcor Space Facility, Whittier, CA., Tecstar Inc. City of Industry, CA). Scope of Work included Developing Closure Plan, Inventory and removal of all hazardous waste, Permitting, Decontamination and/or removal of all containers, liners, contaminated equipment and residues, Management of the materials as hazardous waste unless they are classified as non-hazardous waste. Preparation and submission of Final closure Report to all regulatory agencies with certification for final closure, Interface with regulatory agencies.

Performed several Phase I and Phase II Environmental site assessments for Transfers and Acquisitions of industrial and commercial properties. Responsibilities included on site regulatory agency record review, personnel interviews, historical aerial photography reviews, developing sampling plans for intrusive site investigations, identification of contaminated media, recommendation of appropriate remedial action including cost estimates for compliance and project management.

Performed Hazardous Waste Minimization studies for several industrial facilities. Scope of work included investigation and evaluation of various hazardous waste streams, recommendation of cost effective waste minimization techniques and implementation schedule to comply with California regulation SB 14. Achieved 50% hazardous waste reduction by replacing solvent degreaser with alkaline base cleaning compound.

Conducted Air Toxics Emission Inventory by calculating mass VOC (Volatile Organic Compound) and other regulated substances' emission rates from various industrial operations, to comply with California regulation AB 2588.

Developed Storm Water Pollution Prevention Plans for regulated industries. Scope of work included identification of significant pollutants and development of Best Management Practices to eliminate storm water pollution.

Implemented compliance requirements of SARA regulation for various manufacturing industries including preparation of business plans and Toxic chemical inventory and release reporting ( Form 'R' ).

Managed ground water contamination project for a motion pictures color film processing company (Technicolor, Inc. North Hollywood, CA.). Responsibilities included, coordination with regulatory agencies, Sample management, development of bid documents to procure sub contractors, data analysis and development of feasibility study report.

Developed environmental compliance manuals for various regulated industries. Including Emergency Episode plans, Spill Prevention Control and Countermeasure plans. Employees " Right-to-Know " plans, Hazardous material/waste contingency plans and Hazardous Waste Management plans.

Investigated the compliance requirements pursuant to California regulation "Prop.65" waste water discharge prohibitions. Reviewed discharge permits, collected and evaluated data regarding process parameters, location of discharges, and chemical usage. Provided recommendations to industries in meeting discharge requirements.

Performed Environmental site audits, implemented "Cradle to Grave " hazardous waste management for several industries within USA.

Established a in-house certified laboratory for air and waste water analysis for a manufacturing industry.

Established a state-of-the-art waste water treatment system for an industrial plant.

Implemented BACT (Best Available Control Technology) to achieve air emission credits for metal finishing industries.

Conducted Hazardous waste management (RCRA) and employees Right- to- Know training for several industries.

Developed, implemented and monitored Plans for Storm Water Discharges associated with manufacturing and construction industries.

Performed liquid waste elimination study of waste water treatment and Power Plant facility for Metropolitan Water District of Southern California.

Performed clean closure feasibility study of sanitary landfills for County of San Bernardino, California.