

WAYNE D. KANT P.E. PLLC
2732 Touareuna Rd
Amsterdam, N.Y. 12010
New York State License #070962

EXPERIENCE:

Wayne D. Kant, PE

Owner and Principal Engineering Professional, Amsterdam, NY

CONSULTING ENGINEER - 1995 to Present

- Provide wide variety of commercial, industrial and residential clients, with design, specification and inspection services.
- Work daily with NYSDOH, NYSDEC, OSHA, NFPA, and NYS Building Codes. Routinely design and specify piping systems, structures, pumping systems and electrical controls.
- Design experience in HVAC, fire protection, and energy code compliance.
- Civil and structural design experience includes storm-water, sanitary, onsite wastewater, potable water, and a variety of commercial and residential steel and wood frame structures.
- Facilities engineering area, provide design and technical guidance to a major paint manufacturing plant & commercial dry cleaning industry.
- Facilities projects include: design of paint tote dispensing racks, mezzanines, stairways: vibration dampening mounting structures for high speed rotating machinery.

EG&G Rotron RBO, Saugerties N.Y.

SENIOR DESIGN ENGINEER – 1992 to 1995

- Managed 7 member research and development team.
- Principal inventor and patent holder for Biocubetm Aerobic Biofilter.
- R&D involving industrial applications of medium pressure fans and blowers. Developed flow meters, cyclone separators, air knives and environmental remediation equipment.
- Team Manager for CRADA with Idaho National Engineering Laboratory. Design and application of remote sampling and data collection system, including intrinsically safe and explosion proof system for refineries.

APPLICATIONS ENGINEER – 1989 to 1992

- Provided technical support for complete line of Regenerative Blowers and Centrifugal Fans.
- Applied fan laws and blower theory to solve a wide range of industrial application problems; pneumatic conveying, packaging, aeration, vacuum forming, air tables....etc.

WAYNE D KANT, PE (cont.)

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Groundwater Technology, Inc.

ENVIRONMENTAL ENGINEER – 1986 to 1989

- Project manager for groundwater and soils remediation projects.
- Managed technicians and designed systems for clean-up of underground tank spills.
- Designed and specified low and high pressure piping and control systems for handling water, gasoline and chlorinated solvents.
- Designed soil vapor extraction and air stripping systems.
- Designed bioremediation systems for in-situ hydrocarbon remediation.

Gardenway, Inc.

CONSULTANT - 1985 to 1986

- Performed safety analysis of garden sprayer product.
- Prepared specification for upgrade of garden sprayer.
- Design revisions for product improvements.
- Researched alternative vendors for various products.

EDUCATION:

BSME, Union College, Schenectady N.Y.

PE, Licensed Professional Engineer, New York State

AWARDS/HONORS:

Awarded R&D Magazines, “Top 100 Inventions of the Year”, for invention of “The Biocube Aerobic Biofilter”.

Awarded 2 patents for “Biocube Aerobic Biofilter”.