

ROBERT A. WAGNER

STRENGTHS:

- Engineering experience in diverse manufacturing industries and disciplines.
- Extensive background in project management, automation and maintenance.
- Experienced in specialty chemicals, specialty metals, powdered metals, and glass.
- Goal oriented, yet analytical in approach for expeditious solutions to complex problems.
- Skilled in project management and team building.
- Adept in developing written procedures and specifications.

WORK HISTORY:

Creative Engineers, Inc.	2003 – Present
Hoeganaes Corporation, Inc. Project Manager	4 Years
Callery Chemical Company Senior Mechanical Engineer & Project Manager	5 Years
Synerfac, Inc. Project Manager	5 Years
Philadelphia Control Systems, Inc. Senior Automation Engineer	2 Years
PQ Corporation, Inc. Maintenance Engineer & Plant Engineer	8 Years
W.R. Grace & Company Plant Engineer	2 Years
E.I. DuPont de Nemours & Co Process Engineer	2 Years

AREAS OF EXPERTISE AND EXPERIENCE:

- Project management and construction experience with large capital projects.
- Authored Piping Standards, Equipment and Construction Standards, Contract General Conditions, Drawing Standards, Contractor Safety Training Manuals, and Functional Specifications.
- Experienced in designing piping systems for a wide variety of materials including steam, water, gasses, hazardous and non-hazardous chemicals.
- Experienced in taking small-scale R&D pilot work to full size production units.
- Designed and programmed PLC machine control systems for various industries. These industries included warehouse systems, bakeries, robotic vehicles, chemical batch and continuous processes.
- Experienced in instrumentation and automation of furnaces, tunnel kilns, spray dryers, paddle dryers, and chemical reactors.
- Experienced with highly hazardous materials including hydrogen, diborane, sodium, potassium, acids and caustics, and various other organic and in-organic chemicals.
- OSHA Process Safety Mgmt, ASME Piping & Press Vessel Codes, NFPA Standards.
- HAZWOPER certified
- Certified in OSHA 1926 - Construction Safety

EDUCATION:

University of South Florida, Tampa Florida, 1974
Bachelor of Science, Mechanical Engineering

OTHER:

Member ASME and ISA, Vietnam Veteran, and Red Cross certification in CPR and First Aid

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ALKALI METAL EXPERIENCE

CEI Operator – Detroit Edison Fermi 1 Sodium removal

CEI Operator – Australian Magnesium Corporation – Sodium removal and cleanup of process pilot plant – 6 tons of sodium.

CEI Field Manager – ASARCO Sodium Storage Tank Cleanout

CEI Operator – TSF SNAP Reactor Dismantlement Project

CEI Operator – Fluor Hanford Cold Trap Sodium Removal – 2004

CEI Operator – Fluor Hanford CRCTA Residue Removal – 2004

CEI Operator – NaK Reaction Tests and Demonstration (UKAEA) 2003

Various projects as a project manager at Callery Chemical Company for 5 years.

Specific Projects at Callery Chemical Company include:

- 1 Construction of a new alkali metal alkoxides production unit.
- 2 Design and construction of one bulk alkali metal storage systems with 2 large tanks