

Stephanie Katsompenakis

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Education

Northeastern University, Boston, MA

Bachelor of Science in Mechanical Engineering Technology, June 2002

Manufacturing Concentration

Courses include: Human Factors in Engineering and Design, Computer Methods in Manufacturing, and Human Machine Systems

Certificates

- 2003 ·University of Wisconsin -Ammonia Refrigeration Energy Efficiency Improvements
·Employers Association of the Northeast -Fundamentals of Supervision
- 2004 ·International Dairy Foods Association - Dairy and Juice HACCP Short Course
·PLC Programing – Fundamentals
- 2005 ·Autodesk - AutoCAD Beyond the Basics
·Tetra Pak - VTIS Training Course
·SAP Globe – Project Systems Super user
- 2006 ·Cornerstone Safety Group - Electrical Safe Work Practices
·Nestlé - Hygienic Engineering Conference
- 2009 ·Nestlé – Managing Capital Project Workshop
·NFPA - 70E Electrical Safety and Arc Flash Compliance
- 2011 ·Autodesk - AutoCAD Electrical Webinar
·Autodesk - AutoCAD Factory Design Suite Webinar
- 2012 · University of Wisconsin -Fundamentals of HVAC
- 2013 · IRC - Introduction to Ammonia Refrigeration Systems

Summary of Qualifications

- Construction Management
- Knowledge of regulatory requirement for safety, environment and statutory inspections
- In-depth knowledge of utilities plant operation and technology (Boilers, Refrigeration, Water and Waste water Treatment, Compressed Air, AVAC and Power Distribution)
- Analytical skills in problem solving.
- Communication and service-minded.
- Maintenance and Improvement, Energy & Project Management

Work Experience

WEP Engineering, Reading, MA

April 14-Present

Engineering Consultant:

- Assist factories with process and packaging line design
- Create and/or update AutoCAD factory layouts. Equipment integration and line layouts.
- Develop and implement innovative solutions that maximize process material yields, minimize waste, and improve productivity and reliability.
- Industrial services design for process and building utilities.
- Construction Management

Nestlé, Haverhill, MA

August 07-June 14

Industrial Services Engineering Manager:

- Lead and develop a department of Boiler Technicians, Refrigeration Technicians, and Building Contractors.
- Define, propose and monitor the Industrial Services plans and objectives in accordance with the Engineering Policy, Key Principles and the Industrial Service Activity.
- Propose and implement work processes, procedures and technical resources related to Industrial Services.
- Ensure that the justification, request for approval and reporting are in line with the Guidelines for Capital Investment.
- Ensure that new installations are designed with a high degree of flexibility to better enable the operations to adjust to a changing environment keeping in mind safety and the issues relating to the environment.
- Ensure that all new installations are energy-efficient.

Project Engineer

- Participate in project meetings and task force meetings from early concept stage through commercialization process.
- Design and manage large capital building addition and renovation projects.
- Coordinate the preparation of all documents needed for the authorizations for capital expenditures. Including obtaining quotations for specific process equipment and installation.
- Assist in the estimation of manufacturing costs and development of multiple cost scenarios based on feasibility studies performed for different solutions and options.
- Manage and execute the hand-over process of the project to the Operations Department.
- Coordinate and participate in activities at the plant level needed to support PD and R&D trials
- Lead the Contractor Safety Program for training and maintaining certified safe contractors.

Nestlé, Solon, OH

July 05-August 07

Innovation Engineer:

- Participate in project meetings and task force meetings from early concept stage through commercialization process.
- Coordinate the preparation of all documents needed for the authorizations for capital expenditures. Including obtaining quotations for specific process equipment and installation.
- Assist in the estimation of manufacturing costs and development of multiple cost scenarios based on feasibility studies performed for different solutions and options.
- Manage and execute the hand-over process of the project to the Plant Engineer.
- Coordinate and participate in activities at the plant level needed to support PD and R&D trials.

Project Engineer:

- Managed all phases of Capital Investment projects from design to installation.
- Prepared capital budget submittals, bidding documents, conducted contractor pre-qualifications, and awarded bids.
- Participated in equipment design and coordination of work with suppliers and contractors to complete Capital Investment projects on time and within budget.
- Provided technical support to plant operations in the form of mechanical engineering disciplines, continuous process improvement, maintenance of facility, equipment, process plans, and documentation.
- Provided training and support to Engineering, Finance, and Purchasing for SAP Project Systems.

HP Hood LLC, Suffield, CT

November 02-July. 05

Project Engineer, New England:

- Participated in the development of a strategic capital plan for the Agawam Fluid Milk Plant.
- Managed the process of improving the performance of the Greer freezer tunnel by identifying weaknesses and improvements to the existing system.
- Participated in the development of the PSM and HACCP program.

- Developed the plan, cost, and capital request to replace the existing Process Control System with Allen Bradley PLC's.
- Successfully created production efficiency screens using RSView for all New England locations.
- Managed capital planned projects for the New England region including installation of an ESL VTIS pasteurization system, installation of 40,000 gallon silo, installation of multiple aseptic filling lines, installation of an automated batching system, and supporting refrigeration upgrades to the anhydrous ammonia, glycol, and tower water systems.
- Manage and designed materials handling systems including case washing systems, conveyors, palletizers, stretch wrappers, case formers, case sealers, labeling, coding, and vision systems.

Good Humor/Breyers Ice Cream, Framingham, MA

March 01-September 01

Manufacturing Engineering Co-op:

- Managed projects and proposals for an evaporative condenser, dock-locking system, hands free communication unit for the Hazmat team, replacement heat exchanger for a heat recovery system, and a complete auto-palletizing system.
- Calculated new variegate inject formulas.
- Redesigned, restructured, and updated the Process Safety Management program.
- Earned Refrigeration Engineering Certificate from IIAR.

Gillette Company, Boston, MA

September 00-December 00

Manufacturing Engineering Co-op:

- Redesigned layouts for several manufacturing lines.
- Performed time studies on humans and machines and presented findings with recommendations to improve current processes.
- Organized facilities projects.
- Identified and proposed solutions for engineering problems.
- Planned and presented presentations for recruiting co-op students.