

M. Power

Specialist, Engineering, (CTU Reliability Engineer) - Merck & Co

Glenside, PA - Email me on Indeed: [indeed.com/r/M-Power/6e28e6efa79468ca](https://www.indeed.com/r/M-Power/6e28e6efa79468ca)

WORK EXPERIENCE

Specialist, Engineering, (CTU Reliability Engineer)

Merck & Co - West Point, PA - July 2012 to Present

CTU Reliability Engineer, supporting all Controlled Temperature Units in MMD. Responsibilities include:

- Continuous improvement of existing CTU's on plant site, to include electrical and mechanical upgrades, as well as preventive maintenance plan review and upgrades. Coordinate with CTU supervisor, scheduler, and craftsmen for repairs and upgrades of equipment.
- Project Engineering Support. Currently supporting the Bldg 69D Cold Chain project to add eight new -70DegC CTU's. Provided specific input to design specification, layout, and operation of the new freezers to be installed in Bldg 69D.
- Equipment commissioning/decommissioning.
- Vendor Liaison for capital and expense projects involving CTU's, as well as warranty repair work on all new equipment.
- Refrigerant Compliance Manager for entire West Point Site.

Lead Maintenance and Utilities Supervisor

Merck & Co - West Point, PA - December 2002 to Present

Supervised Vaccine Manufacturing Plant Maintenance and Utilities Mechanics with the goal of providing quality maintenance services, including operating, maintaining, calibrating, and repairing Operations and Facilities Equipment. Supervised union craftsmen to include Millwrights, Electricians, Instrument Technicians, Pipefitters, HVAC Mechanics, and Stationary Engineers.

- Frequently communicated with Operations Supervision, Maintenance Supervision, and Plant Engineers to prioritize and coordinate equipment repairs in order to minimize downtime.
- Supervised Site Maintenance activities to ensure compliance with FDA, EPA, Site standards, policies and SOPs, and Merck & Co. Safety, Health & Environment standards. Provides safety, SOP and GMP training to shift mechanics on a weekly basis.
- Worked with Operations Supervision, Plant Engineers, and Maintenance Mechanics to identify opportunities to improve production efficiencies.
- Administered and developed assigned personnel by promoting good management/labor relations, ensuring direct reports understand and follow company and department policies, and by providing opportunities for each direct report to grow and develop to their fullest potential.
- Utilized computer skills (Outlook, Word, Excel, PowerPoint, MAXIMO, and SAP) for prioritizing and assigning work direction, as well as establishing overtime/weekend requirements.

Maintenance Manager

Kmart Distribution Center - Morrisville, PA - November 2001 to August 2002

Responsible for a 2.2MM square foot distribution facility and its associated assets.

- Established and maintained preventive and corrective maintenance plans for all facility equipment and grounds, resulting in an immediate decrease in equipment downtime and parts replacement cost of 25%
- Planned and maintained a yearly operating budget of \$1.5 million as well as a capital plan of over \$14 Million in special projects and building upgrades.

Maintenance and Repair Supervisor

Nabisco Bakery - Philadelphia, PA - 2000 to 2001

Maintenance Supervisor of a 15-person crew of union crafts, including mechanics, electricians, plumbers, and welders.

- Planned and executed preventive and corrective maintenance on all shifts. Coordinated with union shift leaders as well as production foremen to ensure proper completion of all required maintenance for the bakery-processing department
- Directed troubleshooting and repair of all process electrical equipment, including PLC-5 and SLC hardware and support software. Ensured all maintenance and repair is performed while utilizing Good Manufacturing Practices.

Maintenance Manager

Wal-Mart Distribution Center - Grove City, OH - 1998 to 2000

Facility Maintenance Manager, responsible for the maintenance and upkeep of a 1.2 Million square foot distribution facility and its associated assets.

- Planned and maintained a yearly budget of over \$2 Million for all major construction and repair projects within the distribution warehouse. Operated within the guidelines of a monthly P&L established within the center for routine and emergency maintenance situations.
- Established and completed audit processes to ensure success of the preventive maintenance program. Maintained a 100% on-time completion rate for preventive maintenance workorders within the facility.
- Established a training program for maintenance personnel in conveyor maintenance, forklift maintenance, electrical operations and theory, and troubleshooting.
- Maintained all aspects of the distribution center spare parts inventory control system. Succeeded in lowering spare parts inventory by approximately \$50,000 while still maintaining optimal plant readiness. This resulted in our distribution center having the least amount of equipment downtime compared to 25 other distribution centers in 1999.

Nuclear Mechanical Operator

United States Navy - August 1990 to June 1998

Responsibilities

- As Mechanical Operator, directly involved in the every day operations, maintenance, testing and repair of mechanical fluid systems associated with several naval shipboard nuclear power plants. This involved extensive work with boilers, condensers, evaporators, HVAC units, Air compressors, propulsion turbines, turbine generators, pumps, steam systems and support equipment. Certified 40 CFR 82 Types I & II Freon Technician. Qualified as Engineering Watch Supervisor for the S8G Nuclear Propulsion Prototype.
- As Certified Instructor, duties included classroom instructor, seminar leader, and individualized hands-on training of over 150 students within a 3-year span. Personally involved in the training and certification of these individuals as U.S. Navy fleet nuclear operators.
- As Training Coordinator, directly planned and organized training events, seminars, watch standing, and qualification oral examinations for over 60 mechanical students, all of who were certified as naval nuclear operators. Also tasked with tracking and documenting the qualification of my peers in their pursuit of additional/advanced qualification.

EDUCATION

Bachelor of Science in Nuclear Engineering Technology

Thomas Edison State College

2014 to 2015

Bachelor of Science in Human Resource Management

New School for Social Research - Malta, NY

July 1998

Qualification, Nuclear Mechanical Operator in Navy Nuclear Power Program, Machinist Mate

Navy Nuclear Power School - Orlando, FL

1990 to 1992

SKILLS

Project Management, People Management, Union Relations, Utilities Operation, maintenance, repair, GMP, Valivation, Qualification, CMMS, MS Office, Refrigerant Management, OSHA,

MILITARY SERVICE

Service Country: US

Branch: Navy

Rank: E-6

August 1990 to June 1998

- As Mechanical Operator, directly involved in the every day operations, maintenance, testing and repair of mechanical fluid systems associated with several naval shipboard nuclear power plants. This involved extensive work with boilers, condensers, evaporators, HVAC units, Air compressors, propulsion turbines, turbine generators, pumps, steam systems and support equipment. Certified 40 CFR 82 Types I & II Freon Technician. Qualified as Engineering Watch Supervisor for the S8G Nuclear Propulsion Prototype.
- As Certified Instructor, duties included classroom instructor, seminar leader, and individualized hands-on training of over 150 students within a 3-year span. Personally involved in the training and certification of these individuals as U.S. Navy fleet nuclear operators.
- As Training Coordinator, directly planned and organized training events, seminars, watch standing, and qualification oral examinations for over 60 mechanical students, all of who were certified as naval nuclear operators. Also tasked with tracking and documenting the qualification of my peers in their pursuit of additional/advanced qualification.

ADDITIONAL INFORMATION

High energy maintenance management professional with excellent interpersonal and communication skills and an extensive background in the following areas of expertise:

Staff Management Capital Budgeting Vendor Relations Project Planning

Union Relations CMMS Personnel Training HVAC/R

Lean Manufacturing Merck Sigma Continuous Improvement Safety/GMP's

- Demonstrated ability to develop, implement and maintain preventive maintenance programs resulting in reductions in equipment downtime.
- Proven ability to develop strong working relationships with employees and colleagues in an effort to achieve corporate goals
- Excellent qualification in continuous improvement and project management with comprehensive knowledge of the overall impact these projects have on operations.

Technical Skills Summary

Highly skilled mechanical and electrical maintenance technician/supervisor, and engineer with over twenty years cumulative experience in the following disciplines:

Nuclear Power Plants PLC Troubleshooting Boiler Systems Heat Exchangers

Conveyors Forklifts Plumbing/Pipefitting Packaging equipment

HVAC Ultra-Low Refrigeration Electrical Distribution Air Compressors

- Demonstrated hands-on skill in the maintenance and repair of various types of industrial equipment
- Excellent skill in troubleshooting both common and uncommon problems with both mechanical and electrical systems
- Demonstrated ability to learn and incorporate new theories and practices into maintenance and troubleshooting of operating equipment