

HARNEK BHACHU
Project Manager - Infrastructure



Harnek is a highly accomplished Project Manager with over 15 years of expertise in delivering successful gas distribution, transmission, and compressor station projects. At Ameren Illinois Natural Gas Compressor Stations, he led impactful PLC and SCADA system upgrades, implemented critical pipe and electrical drawing modifications, and provided essential field support, ensuring seamless project execution. During his tenure at Peoples Gas, Harnek spearheaded the Accelerated Main Replacement Program (AMRP), managed the PMOC team for Engineering design submissions, and expertly handled contracts with A&E firms, driving efficiency and compliance. As a Senior Designer at Nicor Gas, he optimized gas pipeline systems, regulatory stations, meter stations, and medium-pressure vaults, consistently meeting industry standards and enhancing system performance. Harnek excels in project planning, risk management, and cross-functional collaboration, consistently delivering projects on time, within budget, and in full compliance with safety and regulatory requirements. His proven track record demonstrates his ability to achieve measurable results and to drive success in complex, high-stakes environments.

PROFESSIONAL WORK EXPERIENCE:

Ardmore Roderick

PROJECT MANAGER INFRASTRUCTURE (SOLAR PROGRAM - COMED) | Chicago, IL | 03/2024 - Present

- Responsible for completing solar energy projects by creating and managing project plans, including budgets, schedule and resource allocation.
- Coordinates with suppliers, contractors, and internal teams to ensure seamless execution and adhere to safety and regulatory requirements.
- Monitors projects progress, identify and resolve issues or risks, and manage stakeholder expectations through clear communication.
- Leads project teams, providing direction and guidance to ensure projects are completed on time and within budget, contributing to effective integration of solar energy systems.

CADD MANAGER | Chicago, IL | 7/2023 - 03/2024

- Responsible for creating, managing, implementing CAD standards and quality control procedures for engineering design documents.
- Incorporates and implements centralized Enterprise Document Management System.
- Develops, revises, and maintains company standard operating procedures (SOP) and Work Instruction (WI) for engineering documents.
- Develops and provides adequate training for engineering design suites to ensure team proficiency and compliance with standards.

EDUCATION

MASTERS BUSINESS ADMINISTRATION

Strayer University
Fairfax, VA, 2023

BACHELOR'S PROJECT MANAGEMENT

Rasmussen College,
Aurora, IL, 2013

CERTIFICATIONS

OSHA 10

SKILLS

Enterprise Document Management System (EDMS)
Data Administrator for Meridian (BlueCielo)
Siemens (COMOS)
Bentley (ProjectWise)
ACE (Regulatory QMS)
SharePoint

PRIOR WORK EXPERIENCE:

Sterling Engineering

PROJECT MANAGER – GAS & POWER DIVISION | Westchester, IL | 09/2022 – 02/2023

- Developed and managed project timelines, resources and cost estimates for Gas and Power division engineering team. Trained eight new designers in Gas and Power Utility design.
- Managed engineering team, contractors, installers, during project execution.
- Developed and maintained capital management metrics in a visual format and held individuals accountable for performance against metrics.
- Revised project bidding proposal to generate 20% revenue.
- Generally accepted accounting principles - GAAP

Novartis Gene Therapies

DOCUMENT MANAGER – TECHNICAL OPERATIONS | Libertyville, IL | 08-2019 – 09/2022

- Implemented Enterprise Document Management System (EDMS) compliance with FDA regulations.
- Developed repositories, guidelines, workflows, for EDMS systems (Meridian – BlueCielo, and Siemens-COMOS).
- Responsible for managing engineering facilities documents and drawings, FDA, GMP records in regulated facilities.
- Created, revised, and maintained company standard operating procedures (SOP), and Work Instructions (WI) for document management.
- Provided document management SME support during FDA audits.
- SharePoint Administrator – Created and managed workflow for internal and external document sharing.
- Responsible for creating permissions, training for onboarding new members.
- Managed various facilities engineering and construction (Capital Projects) documents for commissioning, qualification, and validation (CQV).
- Created and provided adequate training in using COMOS, BlueCielo, and SharePoint.

Valdes Engineering

CADD & QUALITY MANAGER | Lombard, IL | 03/2017 – 08/2019

- CAD Manager within the IT Support Services responsible for managing, implementing, and supporting all design and analysis software.
- Created CAD Standards, document management and quality control procedures.
- Provided training to designer and quality team to ensure that work adhered to external CAD Standards.
- Incorporated and implemented ProjectWise – Engineering database and drawing management solution.

Peoples Gas

PROJECT MANAGER – PMO | Chicago, IL | 06/2016 – 03/2017

- Responsible for managing 200 miles of Accelerated Main Replacement Program (AMRP) engineering documents for Peoples Gas.
- Responsible for coordinating design submittal for Chicago Department of Transportation (CDOT).
- Provided guidance and support to project managers and teams throughout the project lifecycle.

Jacobs Engineering

PROJECT MANAGER – PMO | Chicago, IL | 08/2011 – 06/2016

- Facilitated communication and collaboration between multiple A&E design consultants and other project stakeholders for Peoples Gas AMRP Program.
- Identified and managed project risks and issues.

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Jacobs Engineering

PROJECT MANAGER – PMO | Chicago, IL | 08/2012 – 06/2016

- Facilitated communication and collaboration between multiple A&E design consultants and other project stakeholders for Peoples Gas AMRP Program.
- Identified and managed project risks and issues.

Universal Pegasus

PROJECT MANAGER – Ameren Illinois | Chicago, IL | 07/2008 – 08/2012

- Managed Ameren Illinois Natural Gas Compressor Station projects, ensuring timely and cost-effective execution while adhering to safety and regulatory standards.
- Provided engineering services to upgrade Compressor Station PLC SCADA systems, enhancing operational and system reliability.
- Oversaw the upgrade of compressor station piping and electrical drawing ensuring compliance with industry standards and project specifications.
- Delivered critical field support during peak operational periods as requested by Ameren Illinois, ensuring minimal downtime and seamless project continuity.
- Coordinated with cross-functional teams, contractors, and stakeholders to align project objectives, resolve issues, and ensure successful project delivery.

EN Engineering

SR. DESIGNER – NICOR GAS | Chicago, IL | 04/2002 – 07/2008

- Designed gas pipeline distribution and transmission systems for Nicor Gas, ensuring compliance with industry standards, safety regulations, and project requirements.
- Created detailed engineering prints for Nicor Gas regulatory stations, Meter Stations, and station upgrades, including modifications to make piggable.
- Development design for gas odorization system, gas boilers, and ultrasonic meter installations for optimizing functionality and efficiency.
- Worked closely with SCADA department to enhance PLC monitoring controls, and operation efficiency.