STATE OF MINNESOTA

MARK DAYTON
GOVERNOR

NOTICE OF APPOINTMENT

Brett Kilbourne

7000 Magda Drive
Maple Grove, MN 55369
County of Hennepin
Congressional District 3

Because of the special trust and confidence I have in your integrity, judgment, and ability, I have appointed and commissioned you to have and to hold the office of:

UTILITY COMPANY REPRESENTATIVE
BOARD OF HIGH PRESSURE PIPING SYSTEMS

Effective: June 18, 2017
Term Expires: December 31, 2019

This appointment carries with it all rights, powers, duties, and emoluments granted by law and pertaining to this position until this appointment is superseded or annulled by me or other lawful authority or by any law of this State.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Minnesota to be affixed at the Capitol in the City of Saint Paul, June 13, 2017.

Governor

Secretary of State

RECEIVED
JUN 15 2017
President of the Senate

Replacing: Mark Kincs

Application for the position Utility Company In Minnesota Rep.

Part I: Position Sought

Agency Name: Board Of High Pressure Piping Systems
Position: Utility Company In Minnesota Rep.

Part II: Applicant Information

Name: Brett Kilbourne
Phone:
Mailing Address: 7000 Magda Drive Maple Grove 55369
Email: brett.j.kilbourne@xcelenergy.com
County: Hennepin
Mn House District: 34B
US House District: 3
Recommended by the Appointing Authority: False

Part III: Appending Documentation

Cover Letter and Resume

Type	File Type
Cover Letter	application/pdf
Resume	application/pdf

Additional Documents (.doc, .docx, .pdf, .txt)

Type	File Name
No additional documents found.	

Part IV: Optional Statistical Information

Gender: Male
Disability: No
Age: 26
Political Affiliation: No Party Preference
Ethnicity: White or Caucasian
Hispanic, Latino or Spanish origin: No

Part V: Signature

Signature: Brett J Kilbourne
Date: 4/6/2017 1:04:44 PM

Brett Kilbourne
7000 Magda Drive Apt 103, Maple Grove, MN 33569
Brett.j.kilbourne@xcelenergy.com

April 6, 2017

Lyndy Logan
Board of High Pressure Piping Systems
443 Lafayette Road North
St. Paul, MN 55155

Dear Lyndy Logan,

I am applying for the position of Utility Company in Minnesota Representative for the Board of High Pressure Piping systems based upon the recommendation of the sitting representative, Mark Kincs. I am currently employed by Xcel Energy as an engineer who specializes in the inspection and maintenance of the high energy piping systems that we operate within our facilities across the region.

I am prepared for the role as the utility representative for Xcel Energy on the Board of High Pressure Piping systems as this is equipment that I am working with on a regular basis. I frequently work with other engineers within the company to make sure that our piping systems are operating within the acceptable limits of the ASME code. While working for Xcel Energy I have had the opportunity to perform inspections and reference the code requirements necessary for a repair package. Thus I believe my background in engineering with a mechanical specialty in combination with my professional experience has given me the knowledge I would need to be successful in this position.

I am eager to apply my experience and knowledge as the utility representative for the board of high pressure piping systems in the state of Minnesota. Thank you for your time in considering my application. I can be reached via phone at (719)648-0295 or by email at brett.j.kilbourne@xcelenergy.com

Regards,
Brett Kilbourne

Brett Kilbourne

7000 Magda Drive Apt. 103
Maple Grove, MN 55369

brett.j.kilbourne@xcelenergy.com
(719)648-0295

Education

Colorado School of Mines, Golden CO — B.S. Dec 2013

- Major: Engineering with Mechanical Specialty
- NCEES FE Exam Passed: April 2013

Engineering and Technical Skills

- Machine Design, Finite Element Analysis, Failure Modes and Effects Analysis, Multidisciplinary Experimentation and Instrumentation, Basic Engineering Design and Fabrication, Analysis of Fluid Flow Systems and Basic Computational Fluid Dynamics
- Budgeting, Scheduling, Work Breakdown Structure Development, Proposal Writing, Presenting Design Concepts
- SolidWorks, MathCad, C++, LabVIEW, AutoCAD
- Microsoft Excel, Word, Powerpoint, & Project

Professional Experience:

Xcel Energy Reliability Services and Overhaul Management — Minneapolis, MN
Plant Life Management Engineer — **2014-present**

- Developed and implemented inspection scopes for high energy piping systems
- Isometric drawing creation and management using AutoCAD
- Project management of inspection activities
- Engineering evaluation of inspection results
- Support of plant and group overhaul activities through work order management, entering budget requests, working with sourcing for materials and service procurement

Key Achievements:

- Increased plant safety through identification and repair of high energy hanger and piping issues
- Successful coordination of plant overhaul inspections

Academic Engineering Project

CSM Senior Design Project: Kate's Wheels

- Team Leader
- Researching specifications of materials available, cost, and constructing a bill of materials
- Designing models for 3D printing and prototyping using SolidWorks and Makerbot 3D printer
- Generating engineering drawings using SolidWorks
- Constructing and troubleshooting a prototype system of sensors with a central control system
- Presenting proposed solution and a final design for the project
- Writing technical documents outlining the team's project details and justification for decisions

Relevant Coursework

- CSM Senior Design program: experience with engineering design process, working with multidisciplinary teams, presentation of design concepts and solutions
- MEL I,II, & III: collecting and processing data using LabView and Excel, writing technical documents
- Machine Design: design of individual components and assemblies, CAD modeling using SolidWorks, Failure methods and effects analysis
- Computer Aided Engineering: experimental Finite Element Analysis and design using SolidWorks
- Fluids I & II: design of pump and pipe systems, compressible flow, turbine and pump sizing

Prior Employment

Colorado School of Mines Receiving Dept. — 2009-2013
Student Assistant

Little Caesars Colorado Springs, CO — 2006-2014
Assistant Manager