

RYAN J. KALVODA

rkalvoda@keitu.com

Keitu Engineers & Consultants, Inc.

2610 Old Red Trail Suite, PO Box 98, Mandan, ND 58554

701-667-1800

- WORK EXPERIENCE:** *Engineering Intern* *June 2007 – present*
Keitu Engineers & Consultants, Inc., Mandan, ND
Provide mechanical and environmental engineering technical support for commercial and industrial clients. Assist engineering staff in performing oil spill prevention control and countermeasure plans including suggested improvements necessary to comply with new rules. . Jointly conducted site visits and prepared oil spill prevention control and countermeasure (SPCC) plans for review by engineering staff. Provided drafting support using AutoCAD and other drafting tools for projects. Prepare facility diagrams for commercial, industrial, and retail facilities. Assisted engineering staff in septic and drain field layout. Responsible for field support duties for environmental survey of 32 square miles of land associated with permitting a new crude oil pipeline in western North Dakota. Use underground utilities locator to locate underground pipes and electrical wiring. Responsible for field support duties for oil pipeline markings of 32 oil production facilities in western North Dakota and eastern Montana. Provide GPS/GIS technical support including field data collecting and mapping Investigated USDOT pipe/welding specifications for pipeline construction per ASME and API codes. Sample oil production mud pit. Use SCBA while obtaining hydrogen sulfide concentrations on top of tanks with Dragger tubes and a combined 4 gas analyzer and prepare reports for clients. Install various warning and notice signs at oil production facilities as well as windsocks. Prepare soil samples from manual and direct push equipment for transport to and analysis by contract laboratory. Develop data for corporate asset records including photo documentation. Perform tank shell thickness testing using an ultrasonic thickness meter and prepare reports for clients. Perform due diligence studies for client purchase of multiple well sites. Responsible for calibration and maintenance of field analyzers including multi-gas analyzers, FID and PID as well as air sampling pumps. Operate and maintain Geoprobe® direct push soil sampler; perform active and passive soil gas sampling and vapor intrusion studies.
- Reconditioning Specialist* *May 2005 – May 2007*
Ressler Chevrolet – Mandan, ND
Reconditioned used automotive vehicles for presentation on the sales lot and on demand by customers. Worked consistently to meet and exceeded employer's expectation of job standards and customer service.
- Concession Worker* *May 2002 – September 2006*
Dacotah Speedway – Mandan, ND
Prepared & served to customers a wide range of both hot & cold fast food. Responsible to inventory food and supplies and submit restocking requests. Cleaned station to health code standards.
- Farm Laborer* *May 2000 – Present*
Kalvoda Family Farm – Mandan, ND
Assisted in a wide range of tasks including planting and seeding crops, maintenance of farm implements and care and feeding of livestock.
- EDUCATION:** *Bachelor Degree in Mechanical Engineering-Pending* *2009-Present*

North Dakota State University; Fargo, ND

Associate in Applied Science in Engineering Technician

Bismarck State College; Bismarck, ND

2008

High School Diploma

Mandan High School; Mandan, ND

2006

**ADDITIONAL
TRAINING:**

MSHA Hydrogen Sulfide Awareness Safety Training & Refresher

SPCC Plan Development for Oil Production Facilities

SPCC Plan Development for Oil Distribution Facilities

MSA PID Theory and Applications

RAE MiniRAE2000 PID User and Calibration Training

Perkins-Elmer/Photovac FID User and Calibration Training

Deans List – Bismarck State College

INTERESTS

BSC Chapter – National Society of Professional Engineers

2006 - 2009

& ACTIVITIES:

FIRST Robotics Competition Mentor – Miller School

2007 – 2009