

William H. E. Johannsen

1940 NW Miller Rd, Apt C212
Portland, Oregon 97229
Mobile: 608-239-0658
willjohannsen@yahoo.com

PROFESSIONAL SUMMARY

Diverse engineering and project construction experience. Big picture thinker who uses broad range experience to inform all aspects of project planning and implementation. Experience includes working with most aspects of project engineering and construction with an emphasis on field operations, engineering, and contract management. Strong skills in mediating and communicating to both technical and nontechnical people. Approach work with a sense of calm and eye for safety.

Project planning	Scheduling & logistics	Process improvement
Options/alternative analysis	Cost control	Communication
Engineering design	Change order management	Quality control
Cost estimating	Project management	Safety

PROFESSIONAL EXPERIENCE

RMT, Inc., Madison, WI

2011 - 2013

Field Engineer

Windstar Wind Farm (120MW), Tehachapi CA; Laurel Hill (70MW) Lycoming County, PA

Project planning and analysis. Responsibilities included planning analysis of various aspects of a wind facility projects such as SCADA communications system design, site permitting, road design – permit compliance, field engineering adjustments, site logistics and schedule management to adapt to changes in equipment delivery schedule.

Engineering design. Engineering design field implementation and re-design in the field to account for actual conditions. Developed and implemented engineering solutions to fit existing conditions. Coordinated work between engineers from several organizations to develop solutions that complied to all parties needs. Assessed, designed, and implemented solutions to deficiencies in tower designs. Created and implemented a new design feature to improve safety.

Project management. Scheduled and coordinated complex and highly visible activities on site. Managed the construction of wind farm operations and maintenance building. Managed the troubleshooting and field fitting of wind farm SCADA system. Procured and managed contractor crews to complete road restoration and electrical work. Managed civil crews, ironworker crews, and teams of technicians.

Change orders and cost estimating. Responsible for change order composition and management. Liaison between corporate finance, engineering, and field management. Developed new system for change order process. Identified work that was out of the contracted scope, provided cost and schedule change estimates, and processed the change documents. Coordinated communications between clients and management pertaining to contractual change orders and negotiation.

Process improvement. Identified ways to eliminate wasted time and materials in the work process and planned improvements to save money. Changed work processes and increased the efficiency of tasks. Improved processes included the modification of design drawings, the acquisition and amendment of permits, foundation excavation and backfill, and the mechanical completion of wind turbines.

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Project Cost control. Responsibilities ranged from setting up project scope, schedule, and budget, to entering the appropriate data into the financial control system. Crucial duties included tracking budgets and out of scope work, managing change orders and documenting them clearly. Helped set-up a new financial control system for RMT's construction group. On-site duties included managing accounts payables and accounts receivable.

Engineering Intern

Summers 2007-2009

Quality Control – Michigan Thumb I (69MW), Huron County, MI
Materials testing, sample acquisition, document management, civil crew management.

Quality Engineer – Harvest Wind (53MW), Huron County, MI
Materials testing, sample acquisition, document management, civil crew management, waste water management and environmental compliance monitor.

Project controls – RMT home office, Madison, WI
Software implementation, document control, project controls system and standards development.

EDUCATION

Bachelor of Science – Mechanical Engineering

2011

University of Wisconsin-Madison, College of Engineering

Course work and project emphasis on energy production, automotive, and material science

PROFESSIONAL REFERENCES

Dan Hendley

VP Wind Energy Construction – RMT (256) 239-5502 Danielhendley77@gmail.com

Jack Anderson

Engineering Manager – RMT (608) 358-4776 jack.anderson@rmtinc.com

Paul Donnelly

QA Manager – RMT (608) 438-6160 paulpd@charter.net

ADDITIONAL EXPERIENCE & TRAINING

Proficient with Microsoft office, Solidworks, Unigraphics, and AutoCAD

OSHA health and safety training

Wind tower rescue training

Tutor of math and science at MATC Madison, WI

Research assistant at the Engine Research Center UW Madison

Guitar and Automotive tech hobbyist