

# Blake Malkamaki

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## EDUCATION

- Associate of Science in Petroleum Technology, Magna Cum Laude, University of Pittsburgh
- Steam Engineer Program: Auburn Career Center, Concord, OH
- Plant Boiler Operator Program: Ashtabula County Joint Vocational School, Jefferson, OH

## LICENSES

- Steam Engineer License, Third Class, State of Ohio: first issued: August 2000
- Power Plant Operating Engineer, Third Class, American Society of Power Engineers, Inc.
- High Pressure Boiler Operator License, State of Ohio: first issued: June 1985

## WORK HISTORY

### *2006-Present* **Lease Operator, Range Resources Appalachia, LLC., Carlton, PA**

- Operate, maintain, and monitor gas wells, separators, dehydration equipment, compressors, meters, pumping equipment, well sites, and control devices
- Performs daily operational check of assigned wells and production facilities
- Maintains reports detailing production volumes, fluid production, chemicals used, etc.
- Makes minor repairs as necessary

### *2003-2006* **Boiler Technician, Twin Rivers Technologies, LLC., Painesville, OH**

- Operate and maintain high pressure steam boilers
- Type equipment operated: fire tube, water tube and Vapower high pressure steam generators
- Plan fuel use for best economic fuel balance for energy conservation
- Fuels utilized: natural gas, landfill gas, NOB organic residue from process
- Operate related equipment, deionizers, water softeners, condensate return system
- Chemical testing including titration, water analysis, and fuel viscosity
- Operate plant compressed air systems
- Plant Safety Committee member

### *1999-2003* **Boiler Operator and Distillation System Operator, Lonza, Inc., Painesville, OH** *(purchased by Twin Rivers Technologies, LLC. – 2003)*

- Operate and maintain high pressure steam boilers
- Type equipment operated: fire tube, water tube and Vapower high pressure steam generators
- Operate related equipment, deionizers, water softeners, condensate return system
- Chemical testing including titration, water analysis, and fuel viscosity
- Operate three 100,000 lb./day fractional vacuum distillation units distilling various fatty acids specifications

### *1984-Present* **Family Business, Little Mountain Graphics & Design, Conneautville, PA**

- Design and manufacture signs and sign brackets
- Market retail and wholesale throughout the United States and internationally

### *1980-1990* **Mechanic, Malkamaki Landscaping, Concord, OH**

- Repair and maintenance of landscaping and farm equipment

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## **ADDITIONAL SKILLS**

- Welder: stick, mig, and oxyacetylene processes
- Plasma arc cutting equipment
- Rebuilding steam, natural gas, gasoline and diesel engines
- Operator of steam engines

## **COMPUTER SKILLS**

- Macintosh and Windows Proficient
- Desktop and Internet publishing, and graphic design
- Proficient with Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Pagemaker, Adobe GoLive; Microsoft Internet Explorer, Microsoft Word, Microsoft Outlook, Microsoft Excel, and various other applications

## **INTERESTS & ACTIVITIES**

- Early petroleum history
- Internet and print publishing
- Newsletter Editor and advertising, Pioneer Steam and Gas Engine Society of NW PA, Inc.
- Layout publications and advertising for Lake Erie College, Painesville, OH
- Collection, restoration and exhibition of antique steam and gas engines

## **MEMBERSHIPS**

- Friends of Drake Well, Inc.
- Oil & Gas Museum, Parkersburg, WV
- Pioneer Steam and Gas Engine Society of Northwestern, PA, Inc.
- Petroleum History Institute
- Society of Petroleum Engineers