

JOHN T. KRACZEK

EXECUTIVE DIRECTOR AND SENIOR PROJECT ENGINEER

AREAS OF EXPERTISE

Extensive project experience in the U.S., Canada, Caribbean, Australia, South East Asia and The South Pacific.

Expertise in energy projects, material handling, strengths of materials, mechanical process and design, mineral processing, concentrators.

Excellent knowledge of engineering design associated with safe operation of plant equipment and piping systems.

Develop process concept ideas into Process Flow and P&IDs.

Prepare technical data sheets.

Skilled at identifying project tasks, order of priority, and accomplishing turn around projects.

Evaluate vendor bids and drawings to assure design compliance.

Excellent management and interpersonal skills for leading small to large teams.

PERSONAL DETAILS

John Troy Kraczek

1037 S 650 W

Farmington UT 84025

C: 801-828-0283

Email:

johnny.kraczek@wisdomfarms.us

PERSONAL SUMMARY

Johnny Kraczek has more than 30 years of experience in design and industrial engineering, working in energy, chemical, mining and manufacturing projects internationally. He has developed and managed engineering projects in renewable energy, manufacturing, heavy equipment manufacturing, manufacturing automation, plant power, mining process, mining equipment, slurries and ore processing in precious metal, precious gems, potash, trona, and salt mineral recoveries.

PROJECT EXPERIENCE

FLSmidth Salt Lake

Senior Project Engineer

- Coordination of all engineering disciplines with client. Worked directly with conveyor and plant equipment development and procurement, HVAC engineering development, other equipment and engineering support for \$350 million Bozshakol Copper Project in Kazakstan

FMC Greenriver

Senior Project Engineer

- Worked with procurement of contractors to carry out turn around projects.
 - Calciner and rotary kiln rebuild projects
 - Crystallizer Chiller Piping corrosion analysis
 - Steam Sparger and pre-crystallizer heat systems
 - Feed and Heat Balance Analysis and design review
 - Agitator/sweeper drives
 - Vacuum Pumps and steam venturi vacuum systems
 - Crystallizer structural supports
 - Various crystallizer design reviews including Mono, Sesqui, and Decahydrate systems for Sodium Bicarbonate purification and processing
 - Design review and evaluation on Potash Systems
 - Post crystallizer piping systems
- Responsible for \$20 million plus in FMC projects

PSE Sandy

Senior Consulting Engineer

- Plant Design including Lithium Plant, Trona Plant, construction cost estimates and preliminary engineering.
- Power Plant Projects for Hunter, Hunnington and Glendive Power plants.
- Coal handling and processing equipment design and costing for various mines.
- Various mine and smelter projects for Kennecott Copper

JOHN T. KRACZEK

EXECUTIVE DIRECTOR AND SENIOR PROJECT ENGINEER

OTHER AREAS OF EXPERTISE

Process Flow and Design
Inspections and Procurement
Greenfield and Retrofit
 Plant development
Construction Management
Project Management
Heavy Machinery Design
Structural and Mechanical
 Design
Tool Design
Material Handling Including
 Belt and Pneumatic
Conveyors
Placer Separation Equipment
 Including Jigs, Trommels
 Screen Deck and
 Sluice design
HVAC and ventilation
Industrial Motors and site
 power development
Clear Water and Slurry
 pumps
Agitators, Frothers,
 and Clarifiers
Crystallizers
Solar Evaporation

EDUCATION & TRAINING

Weber State University
Bachelor of Science in
 Mechanical Engineering
 Technology
Post Graduate Studies:
 Management of Teams
 Accounting and Project
 Management

Goldfield International-Goldfield Engineering, Lindon Utah

Senior Engineer

- Responsible for the development and manufacturing of placer mining equipment in the world wide market.
- Oversaw design and manufacturing of rotary trommels for ore processing.
- Oversaw design and manufacturing of equipment to receive and meter ore from earth moving equipment.
- Designed dewatering sand screws, rotary and Trey driers to further process ores and precious stones.
- Projects included systems to process up to 300 tons of ore per hour
- Oversaw the design and supported manufacturing for processing complex ore processing systems shipping internationally some systems packaged in as many as forty 40ft shipping containers for one site.
- Three story processing platforms with connecting bridges as well as conveyors, slurry pumps and extensive plant piping systems for both process water and slurries.
- Oversaw the fabrication, construction, and packing for shipment plants shipping internationally.

MAETEC LLC, Sandy Utah

Founder, Lead Researcher and Director of Engineering

- Researched and developed Renewable Energy Projects
- Site visits and negotiations with government ministries and Prime Ministers to determine island power needs and to gather support for renewable energy projects
- Inspection of marine equipment and facilities including shore facilities, tug and other vessel inspections. Interviews with mariners and harbor commandants
- Extensive testing and development work, leading research technicians to develop highly efficient electrolyzers and new international Electrolyzer patents
- Leadership and extensive involvement in the development of two sizes of Offshore Energy Capture and Storage systems, including concept design, PID, PFD development, general part development, FEA parameters for parts, and
- Responsible for specifying horsepower of motors, call out

JOHN T. KRACZEK

EXECUTIVE DIRECTOR AND SENIOR PROJECT ENGINEER

PROFESSIONAL SKILLS

AutoCADD, Inventor
ProE, Solid Works
Microsoft Office
Word, Excel, Outlook, Power
Point, Access
Algore
Caesar II

Taught: Composite
Engineering at SLCC 2 yrs

PERSONAL CHARACTERISTIC

Resourceful
Disciplined
Performs Quality work
Complete work on time
Productive
Organized
Good verbal and written
communication skills
Skilled presenter

OTHER SKILLS

Other useful project skills
include:

-Equipment Inspector
including industrial, energy
and marine equipment
-Certified Diver with open
sea diving experience.
-Open water skipper with
hundreds of hours of
sailing experience in all
types of weather.

REFERENCES

Available Upon Request

of bearings, chain and belt sizes on motorized equipment.

- Led engineers in development of detail drawings.
- Led technicians in testing many manufacturing processes and procedures for creating the required composite parts.
- Performed in depth analysis of renewable energy system applicability for many sites including projects in the South Pacific, South East Asia, Central America, and the Caribbean. Typically this work involved site visits, interviews with power plant staff, power boards, ministries of energy and ministries of environment.

Circle Industries LC, Clearfield Utah

VP of Engineering, Director of Operations

- Completed (3) manufacturing plant set ups including flow analysis, equipment layout, wiring plan, and led the rigging and start up of the plants at three different sites in Clearfield.
- Developed, designed and managed a testing program as a subcontractor on a US Air Force equipment cycle test.
- Personally responsible for several new products and their designs including patents.
- Oversaw the manufacturing implementation of many new products
- Served for two years as Chief Operations Officer
- Designed process equipment and worked with plants to install the equipment in the U.S. and Canada. Some larger plants included Allside Ohio, Daymond Building Products Canada, Trinity Plastics Alabama, Signature Sports Brooklyn.
- Managed and led staff of up to ninety people.

Tensar Polytechnologies & Tensar Inc., Morrow Georgia

Product Engineer and Plant Engineering

- Worked with Tensar Polytechnologies marketing staff to design a retail product line for Big Box retailers like Builders Square, Lowes, Home Depot.
- Worked as lead engineer over 350 ton flywheel presses.

Integrated Engineering and Design, Ogden Utah

Founder and President

- Drawing CAD drawings from company hand drawings
- Re-engineered parts for CNC manufacturing equipment