

BOGDAN GAITA

1700 Lake Superior Road | Valparaiso, IN 46383 | 216.789.4869 | bobygaita@gmail.com

HEAVY LIFTING & ENGINEERED TRANSPORT INDUSTRY LEADER

Creative, hard-working operations professional and subject matter expert with 20 years of experience in lifting and rigging practices, field engineering, project management, and operations. Innovative technical solution provider with extensive experience in design, planning, and implementation of complex rigging and critical lifts for projects in nuclear power plants and industrial facilities. Skilled communicator whose knowledge and passion earns the trust and confidence of clients, co-workers, and partners.

EXPERIENCE

Vice President, Heavy Lifting & Rigging, ARC Services

2019-2021

Rock Hill, NC

Created a new Heavy Lifting & Rigging business line for this specialty welding contractor. Developed operating processes and procedures and new business strategy generating approximately \$5MM in revenue in less than 2 years. Accomplishments:

- Developed unique lift system comprised of a knuckle-boom crane & circular support structure atop nuclear reactor building to facilitate repairs to its concrete shield. Solutions saved client more than \$1MM and reduced schedule by 20%. Without this system, the project would not have been completed.
- Designed and implemented installation of Horizontal Storage Module (HSM) for spent nuclear fuel. Completed on-time with a spotless safety record and successful close with a 20%-25% profit margin in a very competitive field.
- Negotiated a successful partnership with global leader in heavy lift and engineered rigging, enhancing firm's ability to offer turn-key solutions to the nuclear industry.
- Developed specialty below-the-hook (BTH) devices for the nuclear industry. The successful implementation and saved the Owner >\$500K and reduced risk exposure by eliminating work at elevated locations.

Vice President Operations, Engineered Rigging

2015-2019

Valparaiso, IN

One of two key people chosen to launch Engineered Rigging. Responsible for executing mechanical and structural design and heavy lift rigging for nuclear power clients. Performed design and project management services for the company's Utility Services Division. Notable projects included:

- Concept, design, engineering, fabrication, load test and implementation of a specialty lifting solution for FWH Replacement at Oconee Nuclear Plant.
- Specialty Lift System re-design and implementation for stator replacement at Comanche Peak Nuclear Plant.

- Concept, engineering, fabrication, and implementation of a specialty lift system for replacement of tubes in heat exchangers.

Director of Projects, Precision Surveillance Corporation (PSC)

2014-2017

East Chicago, IN

Worked as Director of Projects and Engineering Manager before being selected to launch Engineered Rigging, a new subsidiary, in 2015. Accomplishments included:

- Developer and patent holder of a Pipe Modular Lift System (PMLS) implemented at a nuclear facility, saving the Owner about \$2MM during their refueling outage.
- Developed and implemented the Scorpion System for use at a decommissioned nuclear plant. The novel gripping method enables crane use without counterweight, core drilling, or mounted base. The Owner safely decommissioned the site and saved more than \$1MM.
- Developed a system of knuckle-boom cranes inside a reactor building. The system is mounted on steam generator whip-restrains and can perform lifts without the need of the reactor building main polar crane. The system performed hundreds of lifts each day which reduced the outage duration by 5 days which saved the Owner more than \$1.5MM.
- Engineered, fabricated, and delivered a 16-Point Synchronized Tank Lift System which allowed for fabrication of storage tanks at ground level. This safety-enhancing system eliminated costs associated with aerial work, cranes, and scaffolding. This system was implemented successfully multiple times by the Owner.
- Developed a Lift System for 50' long heat exchanger tube replacement projects. This system was implemented at a nuclear facility, where 6 of these systems were used successfully and saved the Owner more than \$1MM by reducing scaffolding, minimizing risk, and compressing the schedule.
- Redesigned a Stator Lift System for a nuclear facility. The original system was designed to European codes and could not be implemented. The project was almost scrapped, but the quick turnaround redesign and acceptance by third party engineering firm and Owner allowed the project to be completed and saved more than \$2MM in schedule compression. The Owner proceeded with a second unit stator upgrade, where the lifts were performed using the same system.

Project Manager, FirstEnergy Nuclear Operating Company

2012-2014

Oak Harbor, OH

Project Manager on Steam Generator Replacement Project (SGRP) at Davis-Besse Nuclear Power Station. Responsibilities include ECP review and improvement; Work Order/Work Package development, review, and approval; schedule review and improvement; lift plans review and approval; Rigging & Handling field oversight and contractor oversight.

Project Manager, RIGGING INTERNATIONAL

2005-2012

Missoula, MT

Project Manager and Site Manager for Steam Generator Replacement Projects (SGRP) and other major projects in the power industry and heavy lift market:

- Installation of new Cask Handling Crane and removal of old crane at two nuclear power plants in Salem, PA.
- Installation of Proton Therapy equipment for IBA/ Procure in Seattle, Washington
- Steam Generator Replacement Project (SGRP) – Ulchin Nuclear Power Plant Unit 1 & Unit 2 in Ulchin, South Korea.
- Installation of Proton Therapy lab equipment for IBA / Procure in Oklahoma
- Installation of new Cask Handling Crane and removal of old crane at Vogtle, GA.

As Project Engineering Manager, responsibilities included supervision of design engineers, deliverables, and contractor interface. Gained extensive experience in complex design calculations, Autodesk Inventor 3D, RISA 3D, Mathcad, ALGOR and on-site project engineering in the power industry and heavy lift market. Representative projects:

- Installation of new cask handling crane and removal of old crane at Turkey Point Nuclear Power Plant in Florida and at two nuclear power plants in Pennsylvania.
- Installation of Proton Therapy equipment for IBA/Procure projects in Illinois, Virginia, and Oklahoma.
- Steam Generator Replacement Projects (SGRP) at nuclear power plants in California, Arizona, Pennsylvania, Tennessee, and Texas.
- Container Crane relocation projects at ports in New Jersey, Pennsylvania, California, and Florida.

Service Technician/Lead, REALTEK INDUSTRIES, INC.

2002-2005

Brook Park, OH

Service Technician and Crew Leader for this residential and commercial real estate property management company. Work included HVAC maintenance and repair, concrete maintenance, landscaping, and purchasing. Recognized for exceptional work ethic, consistency in delivering quality craftsmanship, and commitment to customer service.

EDUCATION

- Doctorand, Structural Engineering & Rigging, Petrosani University, Romania
- MEng, Structural Engineering, Construction & Architecture, Politehnica University of Timisoara, Romania. With Honors.

COMMUNICATION

- Skilled communicator experienced using 3D animation to explain solutions during client presentations. Designed and delivered the rigging and lift solution for the award-winning FWH replacement project at Duke Energy's Oconee Nuclear Station. [Best Projects Award by ENR Southeast.](#)

