



BRIGHTON
TRU-EDGE

ENGINEERING SERVICES



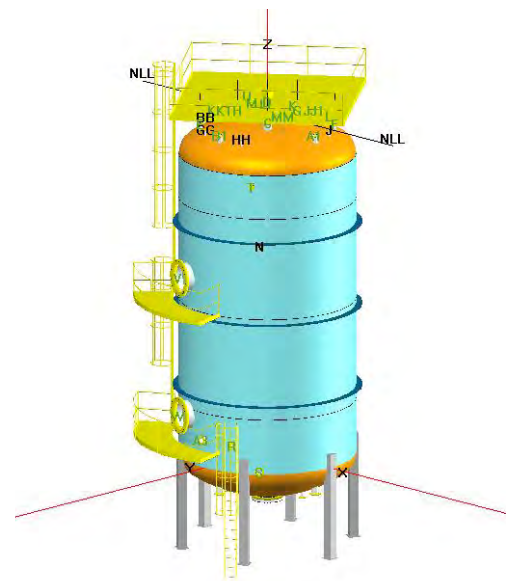
Engineering What's Next

Brighton Tru-Edge brings engineering expertise and precision fabrication together to help fabricators and manufacturers move projects from concept through completion.

Many see engineering as a separate step, but at Brighton, it's built into how we deliver our precision-formed heads, components, and fabricated solutions.

Through Iron Bishop Engineering Solutions, our engineering division, we provide the technical capabilities needed to design, analyze, and optimize critical process equipment—creating a seamless path from engineering through fabrication.

We are crafting what's next—with the expertise to make it happen.



IRON BISHOP
ENGINEERING SOLUTIONS

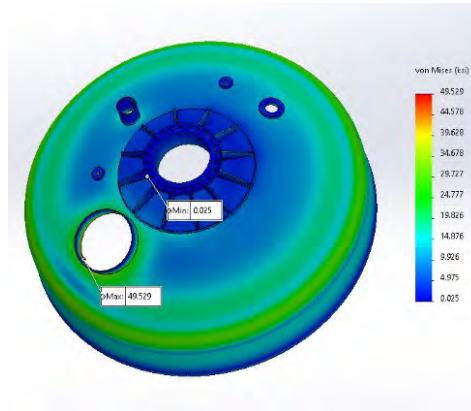
One Partner. Complete Project Support.

Managing engineering, design, and fabrication across multiple suppliers creates delays, communication gaps, and unnecessary risk. To simplify your process and keep your projects moving, we combine:

- Engineering expertise
- Material knowledge
- Advanced modeling and analytics
- Precision fabrication capabilities

Many firms can create designs, but fewer understand how those designs become real-world fabricated components. Our teams work together to ensure designs consider:

- Manufacturability
- Material availability
- Fabrication requirements
- Metallurgical engineering
- Installation considerations
- Long-term performance

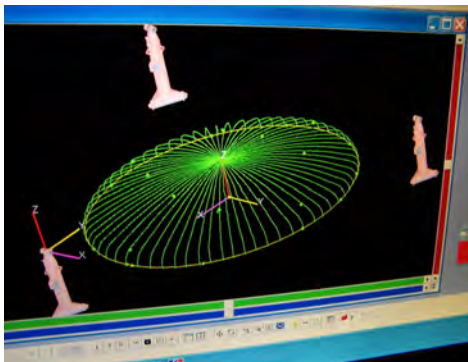


Engineering Capabilities

Managing engineering, design, and fabrication across multiple suppliers creates delays, communication gaps, and unnecessary risk. To simplify your process and keep your projects moving, we combine:

Design & Documentation:

- Fabrication drawings
- 3D equipment modeling
- Existing equipment modeling
- 2D drawing conversion
- Vessel platform design



Engineering Analysis:

- ASME code calculations (Section VIII Div. 1 & 2)
- API calculations (API 620 & 650)
- Finite element analysis (FEA)
- Fatigue analysis
- Vessel re-rates

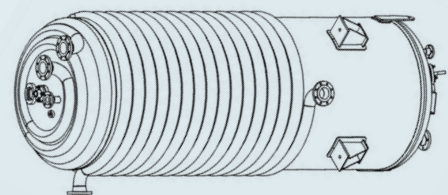
Materials & Performance:

- Heat transfer calculations
- Jacket sizing analysis
- Metallurgical engineering
- Welding engineering
- Material selection support

Brighton Safety & Quality

At Brighton, safety and quality are in our DNA. These standards are ingrained in every aspect of our culture, from the executive leadership, to the skilled worker on the shop floor, to the craftsmen at our customers' job sites.

We teach behavior-based principles for both safety and quality and provide tools to empower our employees to speak up, stop work, and resolve any concerns. We are proud to say, "Safety and quality in everything we do."



For more information, reach out to your Brighton Tru-Edge sales representative or call us at (513) 771-2300.

brightontruedge.com



BRIGHTON
TRU-EDGE

11861 Mosteller Road
Cincinnati, Ohio 45241