# SPECIALTY SERVICES





JVIC's unique range of capabilities and multiskilled team of experts offer best-in-class turnkey solutions for the pulp and paper industry.

By combining our decades of technical and industrial experience with our focus on advanced technology, our customers benefit from specialized solutions to improve safety, quality and efficiency that can lead to significant cost savings.

JVIC Specialty Services has the expertise, equipment and commitment to efficiently inspect, repair and maintain pulping digesters, boilers and associated equipment. By bringing together our professionals from our Automation, Towers, Machining, Power, and Bolt Torqueing/Tensioning groups, we can successfully blind, clean, inspect and repair batch and continuous digesters, and any other pressure vessels and piping. Throughout JVIC's history, we've delivered safe, high-quality work through dedicated specialists, efficient processes and new technology.

# **AUTOMATION AND INNOVATION**

A key component of successful repair and maintenance of pulping digesters is best-in-class welding. Our Weld Automation team has been performing this work for more than 15 years while also adopting new, advanced technology along the way. Our skilled craftspeople can self-perform surface prep and multiple weld processes, and we currently operate a fleet of new MIG/overlay systems to quickly apply base metal restoration or corrosion-resistant overlay to any digester surface area, including domes, sidewall, cones, nozzles and flanges.

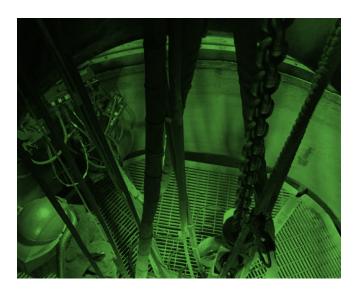
### **OUR DIFFERENCE**

JVIC's origins in turnaround services equips us with deep technical expertise of industrial facilities. JVIC Specialty Services offers the best of both worlds: teams that develop, innovate and focus on individual technical skills, such as welding or machining; and are part of a larger organization to bring their areas of expertise together. We streamline our customers' needs to provide an efficient one-stop solution with consistently high safety and quality standards.

# SPECIALTY SERVICES

#### **SERVICES OFFERED**

- · Blinding and deblinding
- · Bolting and unbolting
- Torqueing
- Machining
- · Carbon arc gouging
- Media blasting
- · Nozzle replacement/repair
- Machine/orbital welding
- · Manual and semi-automatic welding
  - Gas Tungsten Arc Welding (GTAW)
  - Flux Cored Arc Welding (FCAW)
  - Shield Metal Arc Welding (SMAW)
  - Gas Metal Arc Welding (GMAW)
- Heat Recovery Steam Generator Repairs
  - Tube Replacement/Repairs/Plugs
  - · HRSG Skin/Exhaust Crack Repairs
- · Auxiliary/Package Boiler Repairs



FOR MORE INFORMATION

SpecialtyServices@jvic.com



We provide our customers with an integrated, end-to-end service offering that spans the entire lifecycle of their facilities. We recognize that the mission-critical nature of certain aspects of the design, construction and renewal of these facilities demands that we also offer deep specialization in specific areas.



JVIC is the leading provider of turnaround and specialty services to North America's process industries. We understand the time-critical nature of turnarounds and the unique technical and safety challenges that this type of work involves.

Please visit **jvic.com** for more information.



JVIC Catalyst Services is one of the largest catalyst service providers in North America. We have developed the specialized equipment, protocols, training and teamwork required to work efficiently and safely in hazardous conditions.

Please visit **jvic.com/specialtyservices** for more information.

Zachry Group is North America's pacesetter in turnkey construction, engineering, maintenance, turnaround and fabrication services to the power, energy, chemicals, manufacturing and industrial sectors.

www.zachrygroup.com