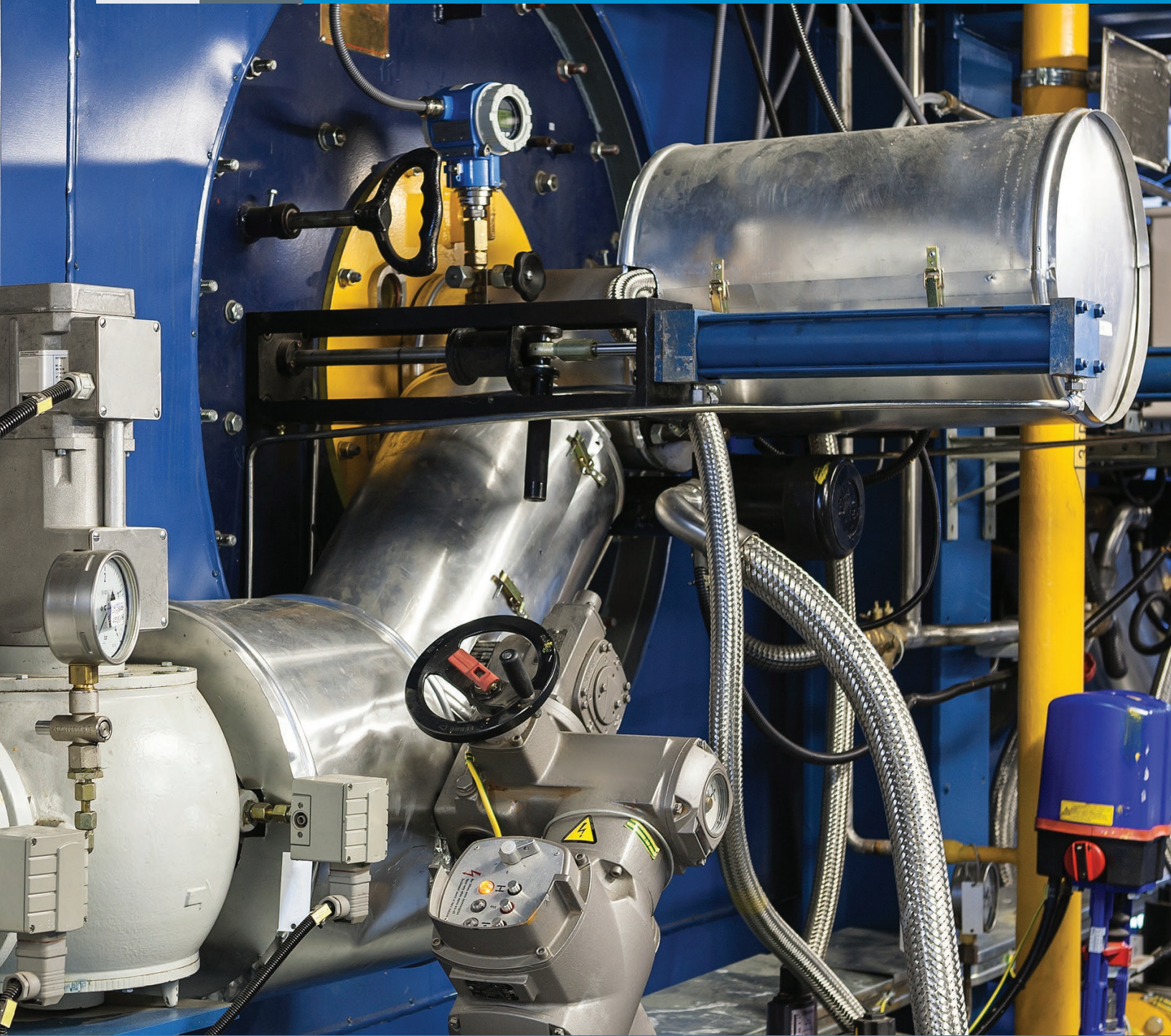




JNE

Automation



BOILER UPGRADES

BEST QUALITY WORKMANSHIP. BEST MANUFACTURING PRACTICES.

UPGRADING YOUR BOILER?

**WORK WITH OUR EXPERT TÜV RHEINLAND
FUNCTIONAL SAFETY (FS) ENGINEERS TO COMPLETE
THE TSSA REVIEW AND APPROVAL PROCESS
– SMOOTHLY AND EFFICIENTLY**



YOUR UPGRADE. OUR EXPERTISE.

With over 200 years of cumulative experience in industrial process control, we are able to offer you the very best and most reliable solutions designed to the latest technical and safety standards and certification requirements.

JNE Automation is knowledgeable about the most recent requirements for gas and oil-fired appliances for the National Fire Protection Association (NFPA), International Electrotechnical Commission (IEC-61511), Canadian Standards Association (CSA B149.3 2015) and Technical Standards Safety Authority (TSSA).

We will provide complete Burner Management Automation for your process by overseeing design, installation, start-up, and maintaining ongoing support beyond completion with exceptional service.

Through our TÜV Rheinland FSE Certification, we specialize in Machine and Process Safety Systems, with emphasis on Burner Management Systems and Combustion Control.

THIS IS HOW WE CAN HELP

- › Burner Valve Train TSSA/CSA Requirement Review
- › Burner Safety System Design
- › Generating the Bill of Material
- › Confirming use of Certified Operating System and Safety Hardware
- › Providing the required Safety System Interfaces
- › Providing TSSA Documentation:
 - Burner Safety System Panel Design & Layout
 - Functional Design Specification
 - Input/Output and Alarm Lists
 - Safety System Schematic Diagrams
 - P.Eng. System Review - Letter to TSSA
- › Submission of Documentation to TSSA on your behalf
- › Support through the entire TSSA Review Process

DID YOU KNOW?

You need **Government of Ontario** approval prior to upgrading a boiler control system.

The TSSA requires that the design team work with the end user on future modifications or changes. The complete system design must be reviewed by a Professional Engineer to verify compliance of software and hardware as required under section 9.7 of TSSA field approval.



JNE AUTOMATION

Contact us to learn how we can apply our years of experience to your bottom line:

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*JNE Automation is a division of The JNE Group of Companies.
For further information, please visit JNEGroup.com.*

