

# **CURTISS - WRIGHT** | **VALVES DIVISION**

**FARRIS ENGINEERING**  
Pressure Relief Valves

## Pressure Relief Solutions to Improve Safety and Efficiency of Your Biofuel Process



Biofuels are becoming a larger part of the world's energy supply as demand for renewable energy continues to grow. Biofuels promote a cleaner environment and healthier population by reducing emission of hazardous gases. Biomass can be converted into biofuels such as first generation ethanol and biodiesel transportation fuels.

As the technology advances to utilize next generation biomass such as agricultural waste and algae-based resources, system designers will be called upon to develop more complex systems. Curtiss-Wright, Farris Engineering offers cutting-edge pressure relief valves that are the perfect solution to ensure the safe and efficient operation of your biofuel processing plant.

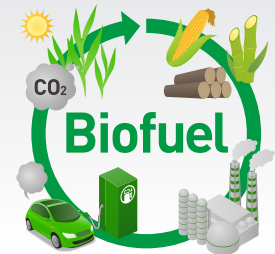
### Typical Applications Where You Will Find Our Products Include:

#### Production

- Feedstock Pre-Treatment
- Fermentation
- Distillation and Purification
- Blending and Additive Addition
- Storage and Distribution
- Biomass Conversion

#### Process

- Waste Management
- Utilities and Energy Management
- Quality Control and Testing
- Environmental Monitoring
- Storage and Distribution



# BIOFUEL Management Solutions

## Curtiss-Wright Farris Engineering Services

Our commitment is to provide customers with total pressure management solutions, transforming and ensuring plant function and safety. Through our Factory Authorized Service Team (FAST) and Sales Representative Network, we can help engineer, equip, audit, monitor and maintain your safety management system.

Our team provides design, auditing services, inventory, and a global network of Field Engineers to support your facilities safety.

Experienced Engineers • Solution Management • Superior Products

### Experienced Sales and Engineers

To support and engineer solutions

### Service Support

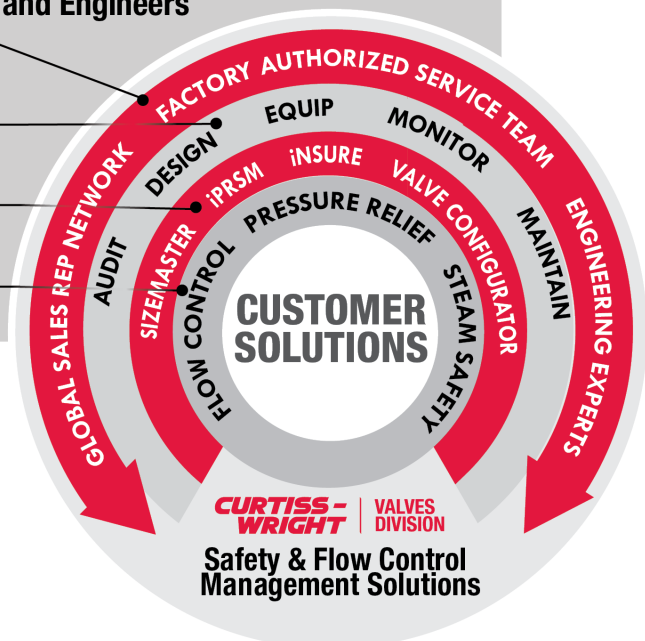
Providing entire life cycle solutions

### Innovative Tools

To calculate the accurate solution

### Superior Product

Valves for the appropriate solution



## Full Range Of Pressure Relief Solutions For Biofuel Applications

- Spring or Pilot operated
- ASME NB Certified for use in Gas, Liquid or Steam service
- Sizes ranging from ½" to 24"
- Temperature ranges up to 1500°F
- Flanged and threaded end connections
- Available materials: Stainless steel, Carbon Steel, Monel, Hastelloy C and others

We Help You Engineer It, With A Global Network.  
**Scan** And Learn How We Can Help.



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DIVISION

Curtiss-Wright, Valves Division | Farris Engineering

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