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Kiss unexpected ANSI pump failures good-bye. This industry first is the type of intuitive and efficient early warning system you've been wishing for.

We all know it. With so few people and so little time to manage and maintain your equipment and processes, your plant's ANSI pumps simply may not get as much love and attention as your turbines, compressors and higher-ticket pumping equipment. That's all about to change!

The new i-FRAME from ITT Goulds provides operations personnel, maintenance managers, reliability engineers and technicians—anyone responsible for monitoring and repairing rotating equipment on a 24/7 basis—with early warning of impending trouble so that changes to the process or machine can be made before failure occurs. The unit's stainless-steel condition monitor (see inset) is nested securely atop the power end to measure critical vibration and temperature readings. Variations that exceed preset parameters will activate the early warning system by displaying flashing red lights—things that are easily recognized during routine walk-arounds.

Great has gotten better

According to Patrick Prayne, product manager of ITT Goulds ANSI Process Pumps, the company's Model 3196 is acknowledged to be the most popular process pump in the world. "Now," he says, "we've made it even better. This increased reliability and condition monitoring intelligence gets to the heart of our most important customer requirement—reduced downtime and equipment life cycle cost."

In addition to the condition monitor built into the pump, the patent-pending i-FRAME

incorporates a number of other standard features designed to increase reliability and the life of the pump, including:

- Premium severe duty thrust bearings that increase fatigue life by 2 to 5 times that of standard bearings.
- Dual stainless-steel, bronze bearing isolators for improved corrosion resistance and contaminant exclusion.
- An optimized sump design to improve heat transfer and collect and concentrate contaminants away from the bearings, resulting in longer bearing life.

Model 3196 units with i-Frame power ends also carry a whopping 5-Year Warranty as standard.

Availability
Recognized as a true workhorse in chemical, oil & gas, petrochemical, pulp & paper, and other industrial operations around the globe, the Goulds 3196 comes in 29 different sizes offering a wide range of features for handling challenging applications. According to the manufacturer, its new i-Frame units will be available this April.

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Seneca Falls, NY

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