



JCI INDUSTRIES, INC. PRESENTS: **UNDERSTANDING MECHANICAL SEALS**

JCI INDUSTRIES, INC. INVITES YOU TO ATTEND OUR FREE ONE-DAY SEMINAR

Designed to give mechanics and engineers a comfort-level understanding of the design, function, installation, operation and maintenance of Mechanical Seals utilized in pump and rotating equipment applications.

WHEN: Choose from 2 sessions: **MAY 29, 2018** or **JUNE 20, 2018** -- 7:30 a.m.–3:00 p.m.

WHERE: JCI Industries, Inc., 1161 SE Hamblen Rd. Lee's Summit, MO 64081

COST: FREE to registered attendees

DETAILS: Donuts, Lunch and Refreshments will be provided. Attendees will also receive copies of all class material and a certificate of completion at the end of the day.

RSVP: Register online at www.jciind.com/rsvp-for-understanding-mechanical-seals-seminar no later than 48 hours prior to the date you choose. **YOU MUST REGISTER TO ATTEND THIS SEMINAR.** Contact Michele Odum at 816-525-3320 or modum@jciind.com with any questions.

SEAL SEMINAR COVERS:

PUMPS & BASIC HYDRAULICS REVIEW: Quick review of pump technology and basic hydraulics as it relates to the use of sealing technology

MECHANICAL SEAL BASICS: Basic principles, Description of seal components, Balanced vs. Unbalanced, Pusher vs. Metal bellows, Double vs. Tandem, Cartridge vs. Component, Common materials, Types of mechanical seals, Intro to seal selection

PRACTICAL SEAL KNOWLEDGE FOR MECHANICS: Equipment checks, Component pump seal installation, Cartridge pump seal installation, Mixer seal installation, Proper seal installation, Failure analysis, Hands on, Shop Tour

TECHNOLOGY UPDATE & STRATEGIES FOR INCREASING MTBF: 10 steps for increasing MTBF, Advantages of taper bore seal housings, Advantage of upgrading bearing frame seals, Advantages of synthetic lubricants for bearing frame and double seal buffer fluids, Overview of the latest in mechanical seal technology

