



The American Society  
of Mechanical  
Engineers  
**Delaware Section**

The Delaware Section of ASME and KBR cordially invite you to  
**Modular Industrial Waste Water Systems Course**  
**By Doug Kriebel, PE**

**Thursday – April 19, 2018**

**Agenda:**

- **5:15 to 5:30 - Networking**
- **5:30 to 7:30 - Dinner & Presentation**
- **7:30 to 7:45 - Q&A Session & Closing Remarks**

**Price:** \$15 KBR Employees and ASME Members; \$25 Non-members & Guests: and  
**No Charge for Students – Reservations required but pay at door.**

**Location:**

**Ashford Boardroom  
KBR Inc.  
242 Chapman Road  
Newark, DE 19702**

- **Light Dinner will be provided**
- **1 to 2 Professional Development Hours (PDH) depending on presentation**

**Reservations:**

Please RSVP to Tom Langley at [langleyt2@asme.org](mailto:langleyt2@asme.org) or call 302-383-8994, no later than **noon** on Tuesday April 17, 2018. Please leave your full name, affiliation, contact number & email address; and if you seek a PDH certificate. If you find you cannot attend, please call in a cancellation before the April 17 deadline.

## **Presentation Overview – Modular Industrial Waste Water Systems Course:**

### **Abstract:**

Clean water is one of the most important requirements to maintain our future well-being. Designing and maintaining both municipal and industrial waste water systems is key to the success of our future water supplies.

We will discuss how modular (packaged, skid) systems can solve industrial waste water issues. This will include industrial waste water strategy and details of waste water systems (such as, but not limited to pH control, heavy metal removal, solids removal, and Zero discharge).

### **Course Objective:**

To become familiar with industrial waste water strategy and the chemical processes and unit operations utilized, and how these can be packaged into modularized systems.

### **Doug Kriebel Bio:**

**Douglas Kriebel is a Principal at Anchor Pump and Engineered Equipment, which he founded in 1989.**

**He has a BS Chemical Engineering from Michigan Tech. His previous work experience includes the Philadelphia Electric Company and Ingersoll-Rand Company. Doug is a Professional Engineer; on the board of directors AICHE-DVS; charter member of the Chemical Consultants Network; a member of ISPE, and a Fellow of the American Institute of Chemical Engineers. He has authored technical papers and has lectured on pumps, pumping systems, and other process equipment related topics. He is the 2011 Delaware Valley Engineer of the Year.**

### **Directions:**

**Address: 242 Chapman Road, Newark, DE 19702**

**Directions will be provided to those who register for this course.**