

# 2017 Chemac, Inc. HPE Training

## (Pumps, Valves and Gaskets) for Urea Plants

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**Location:** Holiday Inn Resort, Pensacola Beach, FL

**Dates:** March 6-9, 2017

### TRAINING ITINERARY

#### **Monday, March 6<sup>th</sup>**

Arrival and check in at hotel

18:30-20:30 Networking in hotel lounge

#### **Tuesday, March 7<sup>th</sup>**

06:30-08:30 Breakfast

09:00-09:45 Introductions, Seminar Program Review and HP Equipment in the Urea Market Pumps (Presenter: Chemac)



09:45-10:00 BREAK

10:00-10:45 Design Principles of HP Reciprocating Pumps (Presenter: URACA)

10:45-11:00 BREAK

11:00-11:50 Design Modifications for Reciprocating Pumps in Ammonia and Carbamate Service (Presenter: URACA)

11:50-13:15 Networking LUNCH

13:15-14:00 Pulsation Dampening (Suction and Discharge) (Presenter: URACA)

14:00-14:15 BREAK

14:15-15:00 Service Platforms, Troubleshooting, Maintenance and Support (Presenter: Chemac)

15:00-15:15 BREAK

15:15-16:00 Review and Q&A Pumps-Ammonia, Carbamate, Condensate & Others

16:00- Team Building Exercise – National Flight Academy

18:30 - Networking Dinner

**Wednesday, March 8<sup>th</sup>**

06:30-08:30 Breakfast

08:45-09:30 Valve types & Maintenance in Urea service  
(Presenter: Chemac)

09:30-09:45 BREAK

09:45-10:30 Centrifugal Process and Transfer  
Pumps (Presenter: Bungartz)

10:30-10:45 BREAK

10:45-11:45 Design and applications of Bungartz Pumps  
(Presenter: Bungartz)

11:45-13:15 Networking LUNCH

13:15-14:00 Minimizing Leakage with the “K-factor”  
(Presenter: Kempchen)

14:00-14:15 BREAK

14:15-15:00 Proper installation and use of Gaskets  
(Presenter: Kempchen)

15:00-15:15 BREAK

15:15-16:00 Review and Q&A for Gasketing  
(Presenter: Chemac & Kempchen)

16:00-16:15 BREAK

16:15-17:15 Panel Discussion  
(ALL)

18:30- Networking Dinner



**Thursday, March 9<sup>th</sup>**

Hotel check out and departure