

## SynGas 2019 Agenda

### Monday, March 11, 2019

7:30 am - 4:30 pm      SynGas Invitational Golf Tournament / SynGas Clay Shooting Tournament (optional)  
 7:30 pm - 4:30 pm      Exhibitor Badge P/U & Booth Setup  
 5:00 pm - 6:30 pm      Sundown Shin-Dig - Towncenter South  
 6:30 pm - Til          Supplier Hospitality Suites

### Tuesday, March 12, 2019

7:00 am - 8:00 am      Breakfast - Opening Remarks - Darrell Allman - Chairman - SynGas 2019 - Towncenter South  
 7:30 am - 4:30 pm      Registration  
 8:15 am - 9:45 am      Producer Roundtable - Towncenter North  
 9:45 am - 10:30 am      Sweet & Salty Break - Towncenter South  
 10:45 am - 11:30 am      Producer Roundtable Session Sign Up  
 11:35 am - 12:55 pm      LUNCH - ON YOUR OWN

#### LEGEND:

	Safety	Process	Reliability/Maintenance	Supplier Presentations		
	Waterway 1	Waterway 5	Waterway 2 & 3	Waterway 6 & 7	Waterway 4	Waterway 8
1:00 pm - 2:00 pm	Improvements in Safety During Routine Work <b>PRODUCER ONLY</b>	Operator Training	Reliability - Rotating Machinery	Newcomers 101 Workshop for engineers with < 5 years in industry	Reliability- Instrumentation & Controls	Condition Monitoring of Plant Equipment Michael Lockas - Bently Nevada
2:05 pm - 3:05 pm	Predictive Maintenance - Advanced techniques and equipment - Wireless, what are plants using?	Burner Management, System Design Problems, Improvements, Effectiveness, Advanced Combustion Controls	Quality Issues with Machinery OEM's <b>PRODUCER ONLY</b>	Conflicting Priorities - Safety vs. Production, Reliability vs. Cost Downsizing	HHTA Inspection Techniques	Alarm Floods and their Connection to Plant Incidents and Near Misses Darwin Logerot, Emerson
3:10 pm - 3:50 pm <b>POPCORN BREAK - Towncenter South</b>						
3:45 pm - 4:45 pm	Reliability - Furnaces, Boilers, Exchangers, Vessels (MI) Refractory Insulation Systems in Reformers & Boiler Applications	Urea Ammonia and carbamate pumps - Valve & Packing Problems and Repair - Centrifugal Pumps	SIS- Achieving and maintaining SIL levels - Independence - turbine trip valves	Compressor Sealing System Problems - Oil Buffered and Dry Gas Seals	Selecting and managing an engineering firm. <b>PRODUCER ONLY</b>	Justifying Process Improvement Projects in a Nitrogen Facility Joric Vital and Walter Schaefer - Nalco Water

5:00 pm - Til      Supplier Hospitality Suites

### Wednesday, March 13, 2019

7:00 am - 8:00 am      Breakfast - Towncenter South  
 7:30 am - 4:30 pm      Registration  
 8:00 am - 9:00 am      Producer Roundtable Breakout Sessions - to be posted  
 9:15 am - 10:15 am      Producer Roundtable Breakout Sessions - to be posted  
 10:15 am - 10:55 am      Cupcake Coffee Break - Towncenter South  
 11:00 am - 12:00 pm      Producer Roundtable Breakout Sessions - to be posted  
 12:00 pm - 1:20 pm      LUNCH - ON YOUR OWN

	Waterway 1	Waterway 5	Waterway 2 & 3	Waterway 6 & 7	Waterway 4	Waterway 8
1:30 pm - 2:30 pm	103JAT Steam Chest Upgrade Keith Schuster Dresser Rand	Safety Improvements higher level standards/philosophies, Relief Devices & Systems - Reset Valves v. Rupture Discs - Parallel Valves - Relief System Studies	Urea Process, materials procurement, specifications, QC	Large Turnaround Planning & Execution	Advances in Industrial Cooling Water Treatment Brad Buecker and Raymond Post, P.E. Chemtreat	An innovative internet and External 360° Reformer Tube Inspect Technology Thomas Fortinberry, Executive V.P. Reformer Services LLC
2:40 pm - 3:40 pm	Alarm Management meets SIS Darwin Logerot Emerson	Incident Investigation of process issues	Rotating Equipment Upgrades Turbine Hp, Compressor Capacity, Speed, Bearings, Seals, Couplings	Risk Ranking of Equipment & Methods Used	Technology for Expansion & Efficiency Opportunity for Nitrogen Plants	Taking Guesswork out of Reformer Tube Creep Rupture Life Timothy Till P.E., Process Integrity Optimization Engineering Darrell W. Meinen Reformer Care, Quest Integrity
3:40 pm - 4:15 pm <b>Ball Park Break - Towncenter South - Exhibit Teardown at 4:15</b>						
4:15 pm - 5:15 pm	New Impeller Stage Design Keith Schuste Dresser Rand	SME Huddle	Questioning - An Effective Strategy for Improving Learning and Performance in Personal and Process Safety James C. Lefler, CSP & David A. Jones JCL Safety Services LLC	OEM Workshop	Catalyst Performance-followed by Producer Roundtable Closing Session <b>PRODUCER ONLY</b>	Prevent Cracks in Heat Exchanger Channel Flanges Oskar Cortes, Advanced Sealing Technologies AF Global Corporation

7:00 pm - 11:00 pm      Wild West Wednesday - Towncenter North