

ENVIRONMENTAL HEALTH AND SAFETY	GAS PROCESSING	GENERAL INTEREST I
Room 323	Room 324	Room 325
TUESDAY	TUESDAY	TUESDAY
1:00 - 2:30	1:00 - 2:30	1:00 - 2:30
	Gas Dehydration by TEG Method Part I <i>Michael Singara; Douglas Daigle / BH Energy Services</i>	Benefits of Reducing NGL in Fuel Gas for Gas Compression Stations <i>Mathias Schlecht / ColdStream Energy</i>
2:40 - 4:10	2:40 - 4:10	2:40 - 4:10
Catalyst Basics & Building an Airtight Emissions Program <i>Ryan Klewer / Miratech</i>	Gas Dehydration by TEG Method Part II <i>Michael Singara; Douglas Daigle / BH Energy Services</i>	Hytorc Safe Bolting Overview <i>Casey Anderson / Hytorc Penn-Ohio Sales</i>
WEDNESDAY	WEDNESDAY	WEDNESDAY
8:00 - 9:30	8:00 - 9:30	8:00 - 9:30
The Business Case for Voluntary Methane Detection and Mitigation <i>Kyle Jantzen; Billy Free; Lyle Kemper / Archrock</i>	TEG Gas Dehydration <i>Mike Reinecke / Titan Production Equipment; Tony Brown, K&R Operating</i>	Failure Analysis: Contamination and Wear Breakout <i>Jim Dettore / Failure Analysis Services, Inc.</i>
9:40 - 11:10	9:40 - 11:10	9:40 - 11:10
Gas and Flame Detection Systems for Compressor Buildings <i>Ben Cope / Conspec Controls</i>	Improving Performance of Glycol Dehydration Systems w/ Formulated Solvents <i>Nick Shurgott / Dow Chemical</i>	Technology for Performance Monitoring/Analytics <i>Geoff Elkins; Mason Neisner / FW Murphy Production Controls</i>
1:00 - 2:30	1:00 - 2:30	1:00 - 2:30
	Contamination Characterization and Control in Compressors <i>Carl Hahn / Transcend Solutions CECO</i>	Hands on Troubleshooting of Catalytic Heaters <i>David Kerr / Kerr Engineered Sales Company</i>
2:40 - 4:10	2:40 - 4:10	2:40 - 4:10
		An Introduction to Reciprocating Compressors <i>Patrick Taylor / Hoerbiger</i>
THURSDAY	THURSDAY	THURSDAY
8:00 - 9:30	8:00 - 9:30	8:00 - 9:30
		ROUNDTABLE DISCUSSION Turbine Centrifugal Unit <i>Panel w/Moderator</i>
9:40 - 11:10	9:40 - 11:10	9:40 - 11:10
		ROUNDTABLE DISCUSSION High Speed Ariel Unit <i>Panel w/Moderator</i>

GENERAL INTEREST II	LUBRICATION & FILTRATION	MAINTENANCE RELIABILITY I
Room 326	Room 327	Room 328
TUESDAY	TUESDAY	TUESDAY
1:00 - 2:30	1:00 - 2:30	1:00 - 2:30
Optical Gas Imaging with Quantification and Laser <i>Johan Wictor / Pergam Technical Services</i>	Analysis of Gas Quality Improvements and Operational/Maintenance Data <i>Matt McCarthy / Sloan Lubrication Systems</i>	Advanced Vibration Troubleshooting on Recip Compressors & Other Units <i>Sagar Kamat / Wood</i>
2:40 - 4:10	2:40 - 4:10	2:40 - 4:10
New Gas Power Plant Projects <i>Nathan Hyme / Enerfab</i>	Essential Components for Divider Block Systems & Why Scope of Work Is Important <i>Curtis Roys / Patton Lubricator Products</i>	End User Case Study – Wholistic Approach to Unit Optimization <i>Scott Ziegler; David Rutherford / MPLX NG & NGL Services</i>
WEDNESDAY	WEDNESDAY	WEDNESDAY
8:00 - 9:30	8:00 - 9:30	8:00 - 9:30
Small Bore Connection Reliability and Failure Surveys of Large Facilities <i>Sagar Kamat / Wood</i>	Applying Reliability-Centered Maintenance to Engine & Compressor Lubrication <i>Mark Sommer / Sommer Energy Technologies</i>	Natural Gas Engine Coolant Condemning Limits <i>David Vannostran / Ultimate Chemicals</i>
9:40 - 11:10	9:40 - 11:10	9:40 - 11:10
Useful Software for the Compression Industry <i>Joe Wilson / ACI Services</i>	Compressor Lubrication Excellence <i>CJ Sloan, Eric Sloan, Brian Sloan / Sloan Lubrication Systems</i>	Cooling System Contamination Identification, Sources, and System Impact <i>David Vannostran / Ultimate Chemicals</i>
1:00 - 2:30	1:00 - 2:30	1:00 - 2:30
	Your Divider Block System May Not Be Delivering the Oil Volume You Expect <i>Curtis Roys / Patton Lubricator Products</i>	Assessing Engine and Compressor Health <i>David Krenek / Monico Inc.</i>
2:40 - 4:10	2:40 - 4:10	2:40 - 4:10
THURSDAY	THURSDAY	THURSDAY
8:00 - 9:30	8:00 - 9:30	8:00 - 9:30
Natural Gas & The Energy Transition <i>Terry Kreuz / National Fuel Gas</i>		
9:40 - 11:10	9:40 - 11:10	9:40 - 11:10

MAINTENANCE RELIABILITY II	PIPELINE VALVE & ACTUATION MAINTENANCE
Room 329	Room 330
TUESDAY	TUESDAY
1:00 - 2:30	1:00 - 2:30
AI-Driven Condition Diagnostics and Portable Online Reliability System for Recip Compressors <i>Mike Boken / M&J Reliability LLC</i>	Control Valves 101 <i>Josh Zurcher; Bill Sudell; Josh Hutterer / Valve48 / SPC</i>
2:40 - 4:10	2:40 - 4:10
How to Troubleshoot a Large Bore Gas Engine <i>Hans Mathews / Cooper Machinery Services</i>	ESD and OPP Valve Actuation, Maint. and Troubleshooting - Emerson Scotch-Yoke/Gas Direct Hydraulic Systems <i>Josh Zurcher; Bill Sudell; Josh Hutterer / Valve48</i>
WEDNESDAY	WEDNESDAY
8:00 - 9:30	8:00 - 9:30
Live Demo: Reducing Engine Vibration with Epoxy Chocks <i>Ken Gerdes; Seth Haden / TechMar</i>	Ball Valve Basics <i>Walt Elmquist / Northrup Equipment Company</i>
9:40 - 11:10	9:40 - 11:10
Capacity Control for Reciprocating Compressors <i>Patrick Taylor / Hoerbiger</i>	Tube Bending Safety Best Practices <i>Mike Gagel / Swagelok Pittsburgh Tri-State Area</i>
1:00 - 2:30	1:00 - 2:30
Emerging Trends in Condition Monitoring Technology <i>Paul Spicher & Steve McNair / Resonance Systems</i>	Ball Valve Lubrication: Tips and Tricks <i>Walt Elmquist / Northrup Equipment Company</i>
2:40 - 4:10	2:40 - 4:10
Turbochargers and Blowers <i>Greg Adams / Cooper Machinery Services</i>	
THURSDAY	THURSDAY
8:00 - 9:30	8:00 - 9:30
9:40 - 11:10	9:40 - 11:10

TECHNICAL AND ENGINEERING I	TECHNICAL AND ENGINEERING II	INTRODUCTION TO COMPRESSOR STATIONS
Room 334	Room 335	Room 408-409
TUESDAY	TUESDAY	TUESDAY
1:00 - 2:30	1:00 - 2:30	1:00 - 2:30
		Natural Gas Basics and Safety <i>Bud Smith / EQT</i>
2:40 - 4:10	2:40 - 4:10	2:40 - 4:10
Journal Bearing Basics for Engines and Compressors <i>Greg Bone / Miba Bearings US, LLC</i>	Reciprocating Compressor Vibration & Pulsation <i>Chris Miller / Compression Dynamics Consulting</i>	Compressor Station Equipment and Yard Piping <i>Bud Smith / EQT</i>
WEDNESDAY	WEDNESDAY	WEDNESDAY
8:00 - 9:30	8:00 - 9:30	8:00 - 9:30
Zero Emission Actuation Solutions for Gas Transmission Valves Provide a Greener Solution Part I <i>Howard Williams / Bray International</i>	Importance of Understanding Recip Compressor Rod Load & Reversal <i>Patrick Taylor / Hoerbiger</i>	Auxiliary Systems and Equipment <i>Bud Smith / EQT</i>
9:40 - 11:10	9:40 - 11:10	9:40 - 11:10
Zero Emission Actuation Solutions for Gas Transmission Valves provide a Greener Solution Part II <i>Howard Williams / Bray International</i>	Introduction to Automation <i>Jarrold Gray / Basic Systems, Inc.</i>	Operating Characteristics of Recip. & Centrifugal Compressors <i>Bud Smith / EQT</i>
1:00 - 2:30	1:00 - 2:30	1:00 - 2:30
Blueprint to Reliability: Mastering Design Documentation <i>Russ Dunyak; Ryan Anderson; Ben Klopp / Entech Engineering</i>	Design Considerations for High Pressure Gas Compression <i>Rick Poorman / USA Compression</i>	Design Characteristics of Prime Movers <i>Bud Smith / EQT</i>
2:40 - 4:10	2:40 - 4:10	2:40 - 4:10
Helical Pile Foundation Design and Installation <i>Zachary Hatfield / Cenergy, LLC</i>	Ultimate Safety, No Compromises: Power of HEDS Detonation Flame Arresters <i>Teo Cusmina; Ny Lam / Protectoseal</i>	Factors Basic to Recip Compressor Operation <i>Bud Smith / EQT</i>
THURSDAY	THURSDAY	THURSDAY
8:00 - 9:30	8:00 - 9:30	8:00 - 9:30
		Characteristics of Primary Equipment in a Compressor Station <i>Bud Smith / EQT</i>
9:40 - 11:10	9:40 - 11:10	9:40 - 11:10
		Reciprocating Compressor Comp & Cylinder Operation <i>Bud Smith / EQT</i>

OEM ARIEL	OEM CAT	OEM SOLAR TURBINES
Room 410	Room 411	Room 412
TUESDAY	TUESDAY	TUESDAY
1:00 - 2:30	1:00 - 2:30	1:00 - 2:30
Ariel Performance Program <i>Eric Diehl / Ariel Corporation</i>	Gas Engine Product Health <i>Scott Double</i>	Introduction to Gas Turbine Performance <i>Charles Beers</i>
2:40 - 4:10	2:40 - 4:10	2:40 - 4:10
Hands-On: Valves and Packing <i>Rolando Sanchez / Ariel Corporation</i>	CAT ET <i>Donovan Ward / Cleveland Brothers</i>	Technical Training Overview for Station Operators <i>Ivan Lopez</i>
WEDNESDAY	WEDNESDAY	WEDNESDAY
8:00 - 9:30	8:00 - 9:30	8:00 - 9:30
Bolting and Torque <i>Bryce Queary / Ariel Corporation</i>	Preparing for an Engine Failure Analysis <i>Trevor Ward</i>	Gas Compressor Performance and Restage <i>Charles Beers</i>
9:40 - 11:10	9:40 - 11:10	9:40 - 11:10
Ariel Smart Compressor <i>Rolando Sanchez & Bryce Queary / Ariel Corporation</i>	Engine Failure Analysis <i>Trevor Ward</i>	Introduction to SoftMap <i>Chris Mellos</i>
1:00 - 2:30	1:00 - 2:30	1:00 - 2:30
Ariel Updates <i>Kyle Jones / Ariel Corporation</i>	CAT Advanced Electronics Part I <i>Pat Bailor / Cleveland Brothers</i>	Right Part, Right time: Enabling Operation & Maintenance Success <i>Steven Pekar</i>
2:40 - 4:10	2:40 - 4:10	2:40 - 4:10
	CAT Advanced Electronics Part II	SoLoNOx Combustion System <i>Charles Beers</i>
THURSDAY	THURSDAY	THURSDAY
8:00 - 9:30	8:00 - 9:30	8:00 - 9:30
	CAT Communication Devices / Open Discussion <i>Donovan Ward; Scott Double</i>	Case Study: Risk Mitigation through Fleet Assessment Service (FAS) <i>Arthur Braunstein</i>
9:40 - 11:10	9:40 - 11:10	9:40 - 11:10
		Turbotronic 6 - Future of Control & Display Systems <i>Charles Beers</i>