

EGCR 2010 Training Schedule

Updated 5/7/2010

\$125 REGISTRATON FEE provides access to any class session EXCEPT Basic Track or Caterpillar

Technical & Engineering	Team Leader & Management Training	EGCR Intermediate Gas Engine Maintenance	Pipeline Valve & Actuation Operations and Maintenance	EGCR Intermediate Reciprocating Compressor Maintenance	EGCR Auxiliary Equipment Maintenance Topic	Special Topics
HALE 301	HALE 303	HALE 310	HALE 203	HALE 204	HALE 207	HALE 209
TUESDAY						
1:00pm - 2:30pm	1:00pm - 2:30pm	1:00pm - 2:00pm	1:00pm - 2:30pm	1:00pm - 2:30pm	1:00pm - 2:30pm	1:00pm - 2:30pm
Foundation Repair vs Replacement	Leadership and Motivation	Cam Timing and Gas Valves	Plug Valve Roundtable Plug Valve Hands-On	Compressor Theory Understanding PV Curve's	Fire Systems and Gas Detection Equipment	Repair of 2 cycle and 4 cycle power cylinder by thermal spray
<i>Jay Greer, D.R. - Arrow Services</i>	<i>Jim King, West Virginia University</i>	<i>Mitch Newtown, Cameron</i>	<i>Lee Graham, Val-Tex</i>	<i>Ben Boutin, Hoerbiger</i>	<i>Ken Salmen, Salmen-Tech</i>	<i>Ken Robison, Exline</i>
2:40pm - 4:10pm	2:40pm - 4:10pm	2:00pm - 3:00pm	2:40pm - 4:10pm	2:40pm - 4:10pm	2:40pm - 4:10pm	2:40pm - 4:10pm
Electrical Hazardous Area Classification	Planning and Scheduling	Turbos, Blowers, Scavenging	Maintaining and Troubleshooting the Plug Valve	Frames & Components Integral/Separable Crossheads, Connecting Rods... Ariel Compressors	Rotary and Ultrasonic Meter Maintenance	EPA Sub Part W, Mandatory Reporting Rule for fugitive methane emissions
<i>Joe Haught, EQT</i>	<i>Jim King, West Virginia University</i>	<i>Nick, Cameron</i>	<i>Lee Graham, Val-Tex</i>	<i>Matthew Johnson, EQT</i>	<i>Pat Ryan, Venture Tech</i>	<i>Milton W. Heath III Heath Consultants Incorporated</i>
		3:00pm - 4:00pm				
		Emissions Technology				
		<i>Mitch Newton, Cameron, Nick, Cameron David O'Kelly, EMS</i>				

\$500 FEE	\$500 FEE	\$500 FEE
Caterpillar Introductory	Caterpillar Advanced	Basic Track
<i>Sewell Center, 3rd Floor</i>		
Dining Rm A&B	Dining Rm C	Pennsylvania Suite
TUESDAY		
1:00pm - 2:30pm	1:00pm - 2:30pm	1:00pm - 2:30pm
Caterpillar Introductory Course	Caterpillar Advanced Course	Compressor Stations and Their Functions
		<i>Richard Lynch; Dominion Terry Godfrey, EQT</i>
2:40pm - 4:10pm	2:40pm - 4:10pm	2:40pm - 4:10pm
Caterpillar Introductory Course	Caterpillar Advanced Course	Compressor Station Equipment and Yard Piping
		<i>Richard Lynch; Dominion Terry Godfrey, EQT</i>
3:00pm - 4:00pm	3:00pm - 4:00pm	
Caterpillar Introductory Course	Caterpillar Advanced Course	Auxiliary Systems and Equipment
		<i>Richard Lynch; Dominion Terry Godfrey, EQT</i>

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HALE 301	HALE 303	HALE 310	HALE 203	HALE 204	HALE 207	HALE 209
W E D N E S D A Y						
8:00am - 9:30am Gas Conditioning and Glycol Dehydration	8:00am - 9:30am Communications for Supervisors	8:00am - 9:30am Major Component Evaluation, Maint, Repair & Reconditioning, Pt 1	8:00am - 9:30am Ball Valve Roundtable & Ball Valve Hands-on	8:00am - 9:30am Lubrication	8:00am - 9:30am Scrubber/Filtration Maintenance	
<i>Greg Knight, Nisource GT&S</i>	<i>Jim King, West Virginia University</i>	<i>Jim Logue, Peaker Services, Mitch Newton, Cameron, Randy Ridgeway, Engine Room Int'l</i>	<i>Lee Graham, Val-Tex</i>	<i>Bill Pullin, T.F. Hudgins</i>	<i>Sam Singleton, PECO</i>	
9:40am - 11:10am Compressor Station Design	9:40am - 11:10am Project Management	9:40am - 11:10am Major Component Eval, Maint, Repair & Reconditioning, Pt 2	9:40am - 11:10am Maintaining and Troubleshooting the Ball Valve	9:40am - 11:00am Compressor Valves	9:40am - 11:00am EIM Valve Operator Maintenance	9:40am - 11:00am Create your own low emission, reliable electricall w/ Capstone Turbines
<i>G Mitchell Mazaher, P.E., Basic Systems, Inc.</i>	<i>Jim King, West Virginia University</i>	<i>Jim Logue, Peaker, Mitch Newton, Cameron, Randy Ridgeway, Engine Rm Int'l</i>	<i>Lee Graham, Val-Tex</i>	<i>Steve Chaykosky, Dresser-Rand</i>	<i>Mike Rooney, EIM</i>	<i>Jeff Beiter, E-Finity</i>
1:00pm - 2:30pm Gas Turbine Maintenance	1:00pm - 2:30pm Sustainability Awareness I	1:00pm - 3:00pm Engine Balancing	1:00pm - 2:30pm Relief Valves - Basics & Hands On	1:00pm - 2:30pm Major Compressor Cylinder Components	1:00pm - 2:30pm Auto Dump Valves & Regulators	1:00pm - 4:00pm
<i>Charles Lozinger, Solar Turbines, Inc.</i>	<i>Jim King, West Virginia University</i>	<i>Charles Ely, Dresser-Rand</i>	<i>Perry Blythe, The Blythe Co</i>	<i>George McKinney, EMS</i>	<i>Gary Beckett, Niabco Automation</i>	
2:40pm - 4:10pm Marcellus Shale Play	2:40pm - 4:10pm Sustainability Awareness II	3:00pm - 4:00pm Foundations/Grout	2:40pm - 4:10pm Rotary Vane Actuation Basics, Trbleshooti & Maint.	2:40pm - 4:10pm Major Compressor Cylinder Components Part B		
<i>Exterran</i>	<i>Jim King, West Virginia University</i>	<i>Scott Vercoe, Energy Tech Systems, Inc.</i>	<i>Dale Opperman, Emerson/Shafer</i>	<i>George McKinney, EMS</i>		

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Caterpillar Introductory	Caterpillar Advanced	Basic Track
<i>Sewell Center, 3rd Floor</i>		
Dining Rm A&B	Dining Rm C	Pennsylvania Suite
W E D N E S D A Y		
8:00am - 9:30am Caterpillar Introductory Course	8:00am - 9:30am Caterpillar Advanced Course	8:00am - 9:30am Operating Characteristics of Reciprocating and Centrifugal Compressors
		<i>Richard Lynch; Dominion, DTI; Terry Godfrey, EQT</i>
9:40am - 11:00am Caterpillar Introductory Course	9:40am - 11:00am Caterpillar Advanced Course	9:40am - 11:00am Design Characteristics of Prime Movers
		<i>Richard Lynch; Dominion, DTI; Terry Godfrey, EQT</i>
1:00pm - 4:00pm Caterpillar Introductory Course	1:00pm - 4:00pm Caterpillar Advanced Course	1:00pm - 4:00pm Factors Basic to Reciprocating Compr. Operation
		<i>Richard Lynch; Dominion, DTI; Terry</i>
2:40pm - 4:10pm Caterpillar Introductory Course	2:40pm - 4:10pm Caterpillar Advanced Course	

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HALE 301	HALE 303	HALE 310	HALE 203	HALE 204	HALE 207	HALE 209
THURSDAY						
8:00am - 9:30am Emission Reduction Solutions for the New Clean Air Regulations	8:00am - 9:30am Basic Estimating	8:00am - 9:00am Preventative/Predictive Maintenance	8:00am - 9:30am Scotch Yoke Actuation Basics, Troubleshooting & Maintenance	8:00am - 9:30am Rod Reversal Fugitive Emission		
<i>Charles Ely, Dresser-Rand</i>	<i>Jim King, West Virginia University</i>	<i>David O'Kelly, EMS</i>	<i>Russ Robertson, Ledeen Actuators</i>	<i>Warren Laible, Windrock Milton Heath, Heath Consultants</i>		
9:40am - 11:10am High BTU Fuel Gas and How it Affects Our Engines	9:40am - 11:10am Productivity Improvement	9:00am - 10:00am Lubrication Systems	9:40am - 11:10am Worm Gears and Electric Actuators Basics, Troubleshooting & Maintenance	9:40am - 10:50am Checking Compressor Critical Clearances		
<i>Keith Schafer, Nisource GT&S</i>	<i>Jim King, West Virginia University</i>	<i>Walter Sloan, Sloan Brothers</i>	<i>Lee Graham, Val-Tex</i>	<i>Greg Knight, Columbia Gas Transmission</i>		
		10:00am - 11:00am Filtration/Oil Analysis		11:00am - 12:00pm Filtration		
		<i>Don Banister, Citgo</i>		<i>Kevin Christian, Peco</i>		
		11:00am - 12pm Ignition Systems				
		<i>Tom Smith, Altronic</i>				

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<i>Sewell Center, 3rd Floor</i>		
Dining Rm A&B	Dining Rm C	Pennsylvania Suite
THURSDAY		
8:00am - 9:30am Caterpillar Introductory Course	8:00am - 9:30am Caterpillar Advanced Course	8:00am - 9:30am Characteristics of the Primary Equipment in a Compressor Station
		<i>Richard Lynch; Dominion, DTI; Terry Godfrey, EQT</i>
9:40am - 10:50am Caterpillar Introductory Course	9:40am - 10:50am Caterpillar Advanced Course	9:40am - 10:50am Reciprocating Compressor Components and Cylinder Operation
		<i>Richard Lynch; Dominion, DTI; Terry Godfrey, EQT</i>
11:00am - 12pm Caterpillar Introductory Course	11:00am - 12pm Caterpillar Advanced Course	11:00am - 12pm Systems Basic to Operating Reciprocating Compressor Units
		<i>Richard Lynch; Dominion, DTI; Terry Godfrey, EQT</i>