

CEMTEK KVB-ENERTEC
2018 NetDAHS EDGE SEMINAR & TRAINING
Hilton Hotel, Costa Mesa, CA
Preliminary Agenda - Agenda subject to change
Monday, 9/10/18

7:00am - 8:00am Hosted Breakfast and Registration - Laguna Foyer & Laguna III

OPENING SESSION
Laguna I & II

8:00am - 8:40am **Welcome and Introductions**
Cemtek KVB-Enertec Team

8:40am - 9:00am **Business Update**
Ty Smith, President, Cemtek KVB-Enertec

9:00am - 9:20am **Regulatory Update**
John Downs, Environmental Manager, Cemtek KVB-Enertec

9:20am - 9:40am **Software Support & Training Update**
William Montag, Software Support Manager, Cemtek KVB-Enertec

9:40am - 10:00am **Expanded Field Service Capabilities**
Tom Kulesza, Afermarket Sales Manager, Cemtek KVB-Enertec

10:00am - 10:20am Hosted Break - Laguna Foyer

10:20am - 10:40am **SEAL Feature Demonstrations**
Patrick Leming, Engineering Manager, Cemtek KVB-Enertec

10:40am - 11:20am **DAHS Considerations for Permit Renewals**
William Montag and John Downs, Cemtek KVB-Enertec

11:20am - 12:00pm **40CFR 60 Subpart TTTT Requirements and Reporting**
John Downs, Environmental Manager, Cemtek KVB-Enertec

12:00pm - 1:00pm Hosted Lunch and Raffle Prizes - Laguna Foyer & Laguna III

NETDAHS DEMONSTRATION FOR NEW CLIENTS
Laguna I

CURRENT NETDAHS EDGE CUSTOMERS ONLY
Laguna II

1:00pm - 2:30pm	KVB-Enertec NetDAHS Demonstration for New Clients/ User's	1:00pm - 1:45pm	NetDAHS Edge Software Latest Features and Development Road Map Ed Wentling, Software Development Manager, Cemtek KVB-Enertec
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		1:45pm - 2:30pm	Customer Enhancement Suggestions Customer Lead
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2:30pm - 2:45pm	Hosted Break - Laguna Foyer	2:30pm - 2:45pm	Hosted Break - Laguna Foyer
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2:30pm - 4:30pm	Q&A, Private Demos, etc.	2:45pm - 4:00pm	Group Activity - Enhancement Development Session All
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		4:00pm - 4:30pm	Wrap Up and Voting on Enhancements All
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5:00pm - 7:00pm
Cocktails and Hors d'oeuvres on the Terrace
Hilton Hotel - Bristol Terrace
Registration/ RSVP Required

CEMTEK KVB-ENERTEC
2018 NetDAHS EDGE SEMINAR & TRAINING
Hilton Hotel, Costa Mesa, CA
Preliminary Agenda - Agenda subject to change
Tuesday, 9/11/18

7:00am - 8:15am Hosted Breakfast and Registration - Pacific Foyer & Pacific Ballroom IV

DAY TWO OPENING SESSION & GUEST SPEAKER
Laguna I & II

8:15am - 8:30am **Day Two Kick Off**
Cemtek KVB-Enertec Team

8:30am - 9:00am **Recap of Enhancement Development from Day 1**
Cemtek KVB-Enertec Team

9:00am - 10:00am **Guest Speaker from the United States Environmental Protection Agency**
Charles Frushour, Senior Engineer, EPA Clean Air Markets Division

10:00am-10:30am Hosted Break - Laguna Foyer

Breakout Sessions

Laguna I & II

Laguna III

10:30am - 11:00am	Stacks to Reports- Data Flow Explained Patrick Leming, Engineering Manager, Cemtek KVB-Enertec	10:30am - 12:00pm	Regulatory Management- Deadlines and Requirements for CEMS Changes John Downs, Environmental Manager, Cemtek KVB-Enertec
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11:00am - 11:30am	Edge Hours-Part 60 Made Easier Ed Wentling, Software Development Manager, Cemtek KVB-Enertec		
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11:30am - 12:00pm	Alarm Theory and Configuration Patrick Leming, Engineering Manager, Cemtek KVB-Enertec		
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12:00pm - 1:00pm Hosted Lunch and Raffle Prizes - Pacific Foyer & Pacific IV

1:00pm - 1:30pm	Multiday Averaging Steve Weldon, Software Support Specialist, Cemtek KVB-Enertec	1:00pm - 2:30pm	Part 75 EDR Reporting and NetDAHS - Our Best Suggestions for Success William Montag, Software Support Manager, Cemtek KVB-Enertec
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1:30pm - 2:00pm	Best Practices to QA CEMS Data Ed Wentling, Software Development Manager, Cemtek KVB-Enertec		
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2:00pm - 2:30pm	Common Issues from Case Studies of Support Calls Steve Weldon, Software Support Specialist, Cemtek KVB-Enertec		
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2:30pm - 2:45pm Hosted Break - Laguna Foyer

2:45pm - 4:00pm	Preparing for a Regulatory Audit John Downs, Environmental Manager, Cemtek KVB-Enertec		Part 75 EDR Reporting: Non-Quarterly Test, Data Evaluations, ECMPS, and More William Montag, Software Support Manager, Cemtek KVB-Enertec
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5:30pm - 9:00pm
Ballast Point Brewery, Long Beach, CA
Transportation Provided
Registration/ RSVP Required

CEMTEK KVB-ENERTEC
2018 REFINERY EMISSIONS SEMINAR & TRAINING
Hilton Hotel, Costa Mesa, CA
Preliminary Agenda - Agenda subject to change
Tuesday, 9/11/18

7:00am - 8:00am **Hosted Breakfast and Registration - Pacific Foyer & Pacific Ballroom IV**

OPENING SESSION & Key Note Speakers
Balboa Bay I & II
Session Moderator: Michelle Nelson

8:00am - 8:30am	Welcome and Introductions Ty Smith, President, Cemtek KVB-Enertec
8:30am - 9:00am	Refinery Sector Rule: Recent Amendments and Updates Vineet Masuraha, Regional Director and Dr. Charles Lee, Principal Consultant, Trinity Consultants
9:00am - 9:30am	Fenceline Monitoring for Refineries in the SF Bay Area Eric Stevenson, Director of Measurements Group, Bay Area Air Quality Management District
9:30am - 9:50am	Advances and New Direction in Ammonia Slip Monitoring Dipankar Sarkar, Science and Technology Advancement, South Coast Air Quality Management District
9:50am - 10:20am	Considerations for Improving SCR Performance for SCAQMD Proposed Rule 1135 Lawrence J. Muzio Ph D, Fossil Energy Research Company

10:20am-10:45am **Hosted Break - Pacific Foyer**

Breakout Sessions

	Emerald 1 Session Moderator: Michelle Nelson	Emerald 2 Session Moderator: Phil McMaster	Emerald 3 Session Moderator: Tom Kulesza	Balboa Bay Session Moderator: Gary Cacciatore
10:45am - 11:45am	Sample Handling Systems for Flare Gas Applications Bob Bertik, Universal Analyzers	Preparing for an Annual RATA Matt McCune, Vice President Southwest Region, Montrose Air Quality Services, LLC	Petrochem Engineering and Design Considerations Ty Smith, President, Cemtek KVB-Enertec and Calvin Lee, Project Engineer, Cemtek KVB-Enertec	Flow Monitors for Flare and Refinery Applications Gabriel Avila, Senior Field Service Representative, Sick, Inc.
11:45am - 12:45pm	Selection and Performance Criteria for Fence-Line Air Monitoring Equipment for use in Regulatory Applications Don Gamiles - Argos Scientific	Difficult CEMS Sample Applications at Refineries and Chemical Plants Tim Kuiken, National Sales Manager, M&C Tech Group	Robust, Rapid, and Accurate Hydrocarbon Gas Concentration and Physical Property Measurement using Tunable Filter Spectroscopy Steve Wright - Product Specialist, MKS Instruments	An Overview of SCR Systems & Lessons Learned to Establish Long Term Reliability and Compliance Robert McGinty - Innova Global

12:45pm - 1:30pm **Hosted Lunch and Raffle Prizes - Pacific Foyer & Pacific IV**

Breakout Sessions

	Emerald 1	Emerald 2	Emerald 3	Balboa Bay
1:30pm - 3:30pm	Mass Spectrometer Training : EPA Refinery Sector Rule Compliance and Real-Time Net Heating Value Monitoring with Industrial Mass Spectrometry Jim Brenner, North American Sales Manager Extrel CMS	ABB Gas Chromatograph Training James Humphreys, GC Product Specialist, ABB	Teledyne API NOx & CO Analyzer Training Zeke Pietsch, Technical Support Manager, Teledyne API	Tunable Diode Laser (TDL) Training for NH3, HCl, HCN, HF, H2S, CO, H2O and more John Pisano, Product Specialist, Cemtek KVB-Enertec
3:30pm - 5:30pm	Siemens Gas Chromatograph Training Ulrich Gokeler, Siemens Industry, Inc.	Are you ready for RSR Flare Compliance and Reporting? Dr. David Hailey, V.P. of Sales, Cosa Xentaur Corporation	Thermo Scientific - iQ Series NOx & CO Analyzer Training Stephen Gould and Chris Hall, Thermo Scientific	Differential Optical Absorption Spectrometer (DOAS) Training for NO, NO2, SO2, and more John Pisano, Product Specialist, Cemtek KVB-Enertec

5:30pm - 9:00pm
Ballast Point Brewery, Long Beach, CA
Transportation Provided
Registration/ RSVP Required

Cemtek KVB-Enertec
2018 Emissions Monitoring Seminar and Training
Hilton Hotel, Costa Mesa, CA
Preliminary Agenda - Agenda subject to change
Wednesday, 9/12/18

7:00am - 8:00am Hosted Breakfast and Registration - Pacific Foyer & Pacific IV

OPENING SESSION & Key Note Speakers
Pacific II & III
Session Moderator: Michelle Nelson

8:00am-8:45am	Welcome and Introductions Ty Smith, President of Cemtek KVB-Enertec
8:45am-9:15am	Part 75 Regulatory Update and Considerations for the Use of Part 75 Data Charles Frushour, Senior Engineer, EPA Clean Air Markets Division
9:15am - 9:45am	Advances and New Direction in Ammonia Slip Monitoring Dipankar Sarkar, Science and Technology Advancement, South Coast Air Quality Management District
9:45am - 10:00am	Hosted Break - Pacific Foyer
10:00am - 10:30am	CEMS Operations, Maintenance, and Best Practices Lucas L. Schneider, Senior Environmental Scientist, Ameren Services
10:30am - 11:00am	SCR Performance Issues: Coal to Natural Gas Lawrence J. Muzio Ph D, Fossil Energy Research Company
11:00am - 11:30am	California AB 617 - Community Air Toxics Monitoring and Enforcement Steven Walters, Principal Consultant and Dr. Charles Lee, Principal Consultant, Trinity Consultants
11:30am - 12:30pm	Hosted Lunch & Raffle Prizes - Pacific Foyer & Pacific IV

Breakout Sessions

	Emerald 1 Session Moderator: Gary Cacciatore	Emerald 2 Session Moderator: Michelle Nelson	Emerald 3 Session Moderator: Tom Kulesza	Balboa Bay Session Moderator: Phil McMaster				
12:30pm - 1:30pm	Universal Analyzers CEMS Sampling Systems & O'Brien Heated Sample Lines Bob Bertik, Universal Analyzers	Preparing for an Annual RATA Matt McCune, Vice President Southwest Region, Montrose Air Quality Services, LLC	An Overview of SCR Systems & Lessons Learned to Establish Long Term Reliability and Compliance Robert McGinty, Innova Global	Siemens Gas Analyzer Overview Ulrich Gokeler, Siemens Industry, Inc.				
1:30pm - 2:30pm	NOx Reduction by SCR with Ceramic Filters Rod Gravley, Technology Director, Tri-Mer Corporation	Multipoint Probes to Mitigate Stack Stratification Bernadette Shahin, National Applications Manager, M&C Tech Group	FTIR Theory and Applications Steve Wright, Product Specialist, MKS Instruments	Cemtek KVB-Enertec NetDAHS & SEAL Controller Training John Downs, Environmental Manager, Cemtek KVB-Enertec				
2:30pm - 3:30pm	Tunable Diode Laser (TDL) Training for NH3, HCl & much more John Pisano, TDL Product Specialist, Cemtek KVB-Enertec	Innovations in Mercury Sorbent Trap Sampling and Analysis Alexandra Sipershteyn, Product Manager, Ohio Lumex	The Latest Developments with PCME Particulate Monitoring Systems Mike Percival, Envea Altech Environment	Fully Extractive Sampling Systems Robert Campbell, Senior Field Service Technician, Cemtek KVB-Enertec				
3:30pm - 4:30pm	Differential Optical Absorption Spectrometer (DOAS) Training for NO, NO2, SO2, and more John Pisano, TDL Product Specialist, Cemtek KVB-Enertec	Thermo Scientific Continuous Mercury Systems Stephen Gould, Thermo Scientific	Sick Particulate CEMS Dylan Mejias, National Product Specialist, Sick, Inc.	Dilution Extractive Sampling Systems Don Kohout, Technical Operations Manager, Cemtek KVB-Enertec				
4:30pm - 5:30pm	Relative Accuracy Test Audit using hybrid Quantum Cascade Laser/ TDL Spectrometer for Emissions Monitoring Dave McMillen, Business Development Manager, Emerson Automation Solutions	RKI DAHS Training Charlie Tsou, DAHS Engineer, Cemtek KVB-Enertec	Hot Wet Sampling Systems Jawad Bhatti, Field Service Engineer, Cemtek KVB-Enertec	<table border="1"> <tr> <td>4:30pm - 5:00pm</td> <td>Extractive TDL, PS-18 and Lessons Learned Phil McMaster, South Eastern Regional</td> </tr> <tr> <td>5:00pm - 5:30pm</td> <td>An Innovative Approach to NOx and O2 Process Control Monitoring Phil McMaster, South Eastern Regional Sales Manager, Cemtek KVB-Enertec</td> </tr> </table>	4:30pm - 5:00pm	Extractive TDL, PS-18 and Lessons Learned Phil McMaster, South Eastern Regional	5:00pm - 5:30pm	An Innovative Approach to NOx and O2 Process Control Monitoring Phil McMaster, South Eastern Regional Sales Manager, Cemtek KVB-Enertec
4:30pm - 5:00pm	Extractive TDL, PS-18 and Lessons Learned Phil McMaster, South Eastern Regional							
5:00pm - 5:30pm	An Innovative Approach to NOx and O2 Process Control Monitoring Phil McMaster, South Eastern Regional Sales Manager, Cemtek KVB-Enertec							

5:30pm - 10:00pm
VIP Red Carpet Event
Hilton Hotel - Fountain Terrace
Registration/ RSVP Required

CEMTEK KVB-Enertec
2018 EMISSIONS MONITORING SEMINAR & TRAINING
Hilton Hotel, Costa Mesa, CA
Preliminary Agenda - Agenda subject to change
Thursday, 9/13/18

7:00am - 8:00am	Hosted Breakfast and Registration - Pacific Foyer			
OPENING SESSION Session Moderator: Michelle Nelson				
8:00am - 9:00am	Expanded Measurement Needs for Compliance and Process Control - Richard Himes PE, Technical Executive, EPRI			
Breakout Sessions				
	Emerald 1 Session Moderator: Gary Cacciatore	Emerald 2 Session Moderator: Phil McMaster	Emerald 3 Session Moderator: Michelle Nelson	Balboa Bay I Session Moderator: Tom Kulesza
9:00am -12:00pm	Teledyne API NOx & CO Analyzer Training In Depth/ Hands on Training Paul Celendro, Technical Support Manager, Teledyne API	Thermo Scientific iQ Series NOx & CO Analyzer Training In Depth/ Hands on Training Stephen Gould and Chris Hall, Thermo Scientific	MKS Instruments FTIR In Depth/ Hands on Training Roberto Bosco, Senior Product Marketing Manager, MKS Instruments	ABB ACF5000 FTIR In Depth/ Hands on Training Matias Hugo Clavin, International Sales Development, ABB
12:00pm - 3:00pm Lunch and Factory Tours Cemtek Factory - Transportation Provided Registration/ RSVP Required				