

Exhibit Trade Show Hours - Wednesday, March 31st—8:00 am – 4:00 pm

Registration Hours - Tuesday, Wednesday, Thursday—6:00 am – 4:00 pm

Conference Location - Cosumnes River College (CRC) - 8401 Center Parkway | Sacramento, CA 95823

Parking - Complimentary to all Expo attendees in lots E & F, located on the East side of the campus, off Bruceville Road.

Expanding the course curriculum to other industries is a vital and a positive step forward in our continuous outreach efforts and workforce development, and we want you to take advantage of the variety of sessions and workshops the 2010 Expo program is presenting - You don't want to miss out on this annual event, and at \$50* for all three days of training, you can't afford not to attend!

**Some sessions have add-on fees for certifications and materials.*

Tuesday, March 30, 2010

Compliance Certification Tracks

101: OSHA 10-Hour

7:20 am – 5:00 pm

Mark Aniello, ECR – This course is designed for construction workers, foremen, job supervisors, and anyone involved in the construction industry. OSHA recommends Outreach Training Program courses as an orientation to occupational safety and health for workers covered by Cal/OSHA Title 8 and OSHA 29 CFR 1926. *Additional fee of \$25 for certification – limited to 50 people. (1.0 CEU)*

102: Aerial Boom and Scissor Lift Certification

Ken Howarth, Sunbelt - *Additional fee of \$25 for certification – limited to 20 people. (0.50 CEU). The hands-on portion will take place in the afternoon. The afternoon hands-on sessions are booked until 5:00 pm, however, depending on the individual experience and skill level determines the actual time required.*

103: Forklift Class 4 & 5* Certification

7:40 am – 5:00 pm

Ken Howarth, Sunbelt - *Additional fee of \$25 for certification – limited to 20 people. (0.50 CEU). The hands-on portion will take place in the afternoon. The afternoon hands-on sessions are booked until 5:00 pm, however, depending on the individual experience and skill level determines the actual time required.*

**Class 4 & 5 are fixed mast industrial forklifts.*

104: Forklift Class 7* Certification

Ken Howarth, Sunbelt - *Additional fee of \$25 for certification – limited to 20 people. (0.50 CEU). The hands-on portion will take place in the afternoon. The afternoon hands-on sessions are booked until 5:00 pm, however, depending on the individual experience and skill level determines the actual time required.*

**Class 7 is all-terrain, non-fixed mast.*

105: OSHA Training Institute (OTI) – OSHA #7410 - Managing Excavation Hazards

7:40 am – 5:00 pm New

Ken Lane, OTI - In this one-day course, students will learn about the role and responsibility of the employer to assign a competent person to the excavation site and arm that person with the knowledge to perform the work properly. Topics include the understanding and application of definitions relating to OSHA's Excavation Standard (Subpart P), excavation hazards and control measures, soil analysis techniques, protective system requirements and emergency response. At the conclusion of this course, the participant will understand the importance and duties of a competent person towards excavation work and will have the knowledge and skills that are required to perform those duties. *(1.0 CEU) Additional fee of \$25 for materials.*

106: Basic CPR First Aid Training for Adults

8:00 am – 12 noon

Rescue Training Institute – Covers personal and patient protection. How to reduce disease transmission; adult CPR and foreign body airway obstruction maneuvers, bleeding control and shock. This course covers how to treat bleeding, shock and traumatic injuries, specific first aid topics focused to the target audience needs. A two-year course completion card will be issued upon course completion. *Additional fee of \$15 for certification – limited to 30 people. (0.50 CEU)*

107: Accident Investigation

7:40 am – 5:00 pm

Robert Downey, RED Safety Consulting. This session covers accident investigation management; photography; interviewing techniques; eyewitness testimony, and incident documentation. *Additional fee of \$25 for certification. (1.00 CEU)*

108: Basic CPR First Aid Training for Adults

1:00 pm – 5:00 pm

Rescue Training Institute – Covers personal and patient protection. How to reduce disease transmission; adult CPR and foreign body airway obstruction maneuvers, bleeding control and shock. This course covers how to treat bleeding, shock and traumatic injuries, specific first aid topics focused to the target audience needs. A two-year course completion card will be issued upon course completion. *Additional fee of \$15 for certification – limited to 30 people. (0.50 CEU)*

Tuesday, March 30 - Construction Safety Tracks

201: Site Safety Basics Residential Construction

7:40 am – 9:00 am

John McCoy, Eliseo Garcia, Lake View Professional; Tom Burke, Schetter Electric, Inc.; Jack Connors, Trans Field Services Group – This program is an introduction to site safety and is the first step in standardizing and communicating the basics of site safety to workers. This program includes an introduction to the program and to the following core safety values: personal protective equipment, ladder safety, scaffold awareness, fall protection; the use of dust masks and respirator; heat illness and electrical safety. The intent of this program is to make workers and superintendents aware of basic core values that apply to all jobsites. *(0.10 CEU)*

202: Cal/OSHA Just Showed Up! What Now?

7:40 am – 9:00 am

Marty Tamayo, Cal/OSHA Standards Board - What to do when OSHA knocks on your door; what to say to minimize your exposures; how to prepare for an OSHA inspection; how to appeal citations and fines. *(0.10 CEU)*

203: Commercial Scaffold Safety & Hazard Awareness

7:40 am – 9:20 am - New

David Johnson, Skyline Scaffolding – This session covers Scaffold Training Requirements; Hazard Awareness, and CA/OSHA differences. *(0.10 CEU)*

204: Silica Dust Hazards in Construction

8:00 am – 10:00 am

Kelly Howard, Cal/OSHA Consultation - Sources of silica in construction materials; best practices approach to controlling airborne exposures. *(0.25 CEU)*

205: PPE Respirator Hearing, Eye, Head, and Face Protection Regulations and Selections

8:00 am – 10:00 am - New

Chuck Perry, 3M Corp. – This session covers OSHA and ANS requirements; PPE Selection, and PPE application. *(0.25 CEU)*

206: Don't Get Shocked: Electrical Safety for Construction

8:00 am – 9:20 am

Mike Donlon, Cal/OSHA Consultation - You need electricity on your site, learn how to keep it safe; understand the dangers of electricity and the causes of electrical injuries; learn to identify and correct electrical hazards on the jobsite—see electrifying demonstrations. *(0.10 CEU)*

207: Heat Illness: How It Really Happens

9:20 am – 11:20 am

John McCoy, Eliseo Garcia, Lake View Professional; Tom Burke, Schetter Electric, Inc.; Jack Connors, Trans Field Services Group. *(0.25 CEU)*

208: Ladder Safety

9:40 am – 11:00 am

Andy Bull, CH Bull Company - When you think of ladders and ladder safety you might say to yourself, this is a simple tool I have used all my life, what could possibly go wrong? Let's start with serious injuries or death. There are hundreds killed and over 100,000 injured every year using ladders. We will talk about the acronym **CLIMB** when talking about ladder safety. **C**hoose the right ladder, **L**ook at and inspect the ladder, **I**nsure a safe ladder set up, **M**ove safely with and on the ladder, and last **B**e a ladder safety expert. There will be many ladders used in the class to demonstrate different aspects of ladder safety. *(0.10 CEU)*

209: Intro – The 1st 72 Hours of a Crisis: Would You Be Prepared?

9:40 am – 11:40 am

Bruce Anderson, The Safety Center - How to stay alive until emergency services reach you; what to include in your site's disaster survival kit; how to set up essential camp services, and identifying key personnel in your company's emergency response plan. *(0.25 CEU)*

210: Cut'n Nail Skillsaw & Pneumatic Nailer Safety Cal/OSHA e-tools

9:40 am – 11:00 am

Mike Donlon, Cal/OSHA Consultation - Skillsaws and nailguns are two of the most common and dangerous tools on the construction site. Learn about common hazards and misuse of these tools; receive useful information and safety tips for training employees on safe tool use. You are required to address nailguns in your Code of Safe Practice. Receive a sample nailgun COSP. *(0.10 CEU)*

240: What You Wanted To Know About Hazard Communication

10:00 am – 11:40 am - New

Marty Tamayo, Cal/OSHA Standards Board – *(0.10 CEU)*

211: Cal/OSHA Fall Protection**10:20 am – 11:40 am**

John Ford, Cal/OSHA Consultation – Recent fall protection statistics describing basic fall protection systems; reviewing Cal/OSHA fall protection standards; explaining the right way and wrong way to comply covering both residential and commercial construction. (0.10 CEU)

212: Can Your Harness Kill You? Fall Rescue**10:20 am – 11:20 am – New**

Mike Thorpe, California Service Tool; Nick Cloud, McCarthy Building Companies; Dave Strickler, Cal/OSHA Consultation - Each day, thousands of workers use and rely on fall arrest systems to provide a means for completing a task and, to provide for worker protection in the event of a fall. When used and used properly, a fall arrest system will ensure that a falling worker returns home at the end of the day versus being transported to the hospital or worse, to a morgue. While a fall arrest system is a valuable tool, a suspended worker is in grave danger from suspension trauma (orthostatic intolerance) and could die if not rescued within 15-60 minutes. This session is led by a panel of OSHA personnel, industry professional and fall rescue specialist. Topics will include an overview of the effects of suspension trauma (orthostatic intolerance), applicable OSHA regulations that specifically require employers to provide for prompt rescue of a suspended worker, and provide attendees with an array of fall rescue systems that are readily available. This course is designed for every industry that uses fall arrest systems. (0.10 CEU)

213: Conflict Resolution**1:00 pm – 3:00 pm – New**

Bruce Anderson, The Safety Center – (0.25 CEU)

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Bruce Anderson, The Safety Center – (0.25 CEU)

214: Flagger**1:00 pm – 5:00 pm**

Jerry Bach, The Safety Center – Identify qualifications required for flaggers; identify and demonstrate proper equipment used for flagging; understand proper flagging procedures; understand and demonstrate appropriate methodology for layout of work zones. (0.50 CEU)

215: Hearing Conservation**1:00 pm – 2:00 pm**

John Doyle, 3M Corp. – Cal/OSHA hearing conservation program; hearing loss demonstration; protection selection; hearing protection and 2-way communication. (0.10 CEU)

216: Fall Protection**1:00 pm – 2:20 pm**

Andy Bull, CH Bull Company – Fall protection is not just a harness and lanyard. This course covers the A B C D and R's of fall protection – anchor point, body harness, connectors, declaration devices and the rescue. It will also highlight the equipment, planning process and culture change needs, as well as many stories and anecdotes as only Andy Bull can deliver. (0.10 CEU)

217: Don't Get Shocked: Electrical Safety for Construction**1:00 pm – 2:20 pm**

Mike Donlon, Cal/OSHA Consultation - You need electricity on your site, learn how to keep it safe; understand the dangers of electricity and the causes of electrical injuries; learn to identify and correct electrical hazards on the jobsite—see electrifying demonstrations. (0.10 CEU)

218: Basic Scaffold Awareness: Residential Construction**1:00 pm – 2:40 pm**

John McCoy, Eliseo Garcia, Lake View Professional; Tom Burke, Schetter Electric, Inc.; Jack Connors, Trans Field Services Group. (0.10 CEU)

219: Cut'n Nail Skillsaw & Pneumatic Nailer Safety Cal/OSHA e-tools**2:40 pm – 4:00 pm**

Mike Donlon, Cal/OSHA Consultation – See this page, course 210 for description. (0.10 CEU)

220: Basic Crane Safety Awareness**2:40 pm – 4:00 pm**

Mario Burmudez, Steve Bakula, Maxim Crane Works – Cranes are a productive and necessary tool for most construction projects. Often the job schedule is dependent on this equipment and it is the most expensive equipment on site. An accident or safety-related shutdown could be devastating to the employees at the site, as well as the budget and schedule. If you learn and practice some basic crane safety and inspection requirements, deaths, injuries, cost over-runs and delays can be avoided. This course will provide some basic requirements for inspection and safe operation of cranes. (0.10 CEU)

221: Cal/OSHA Heat Illness**2:40 pm – 4:00 pm**

David Strickler, Cal/OSHA Consultation – The past few years have shown that the risk of heat illness presents a serious challenge to the safety and health of workers in construction and agricultural sectors. During the summer months, heat waves generate heat illnesses that can quickly become

a medical emergency and a matter of life and death. Tailgate training can be used to train employees so they are more readily able to recognize heat illness risk factors; encourage them to drink more water, take rest breaks in the shade and use special cooling-off periods if needed; and the procedures to follow so they can quickly respond to a medical emergency. Like all training, it requires some preparation and a real desire to involve the crew in health and safety. This session will focus on various successful (and some unsuccessful) means and methods that have been developed and used by contractors to prevent this hazard. You should attend if you have employees that work outdoors in the summer months. (0.10 CEU)

Tuesday, March 30 - Construction Management Tracks

301: Understanding, Interpreting & Negotiating Your Construction Contract

8:00 am – 10:00 am - New

William Porter and Conor McElroy, Porter Law Group, Inc. – **New description forthcoming.** (0.25 CEU)

302: Saving Money With A Modified Work Program

8:00 am – 10:00 am – New

Bonnie Berger and Ellen Lersch, State Compensation Insurance Fund. (0.10 CEU)

303: Managing Your Employees Within the Law

8:00 am – 10:00 am - New

Deanna Mouser, Atkinson, Andelson, Loya, Ruud & Romo – Tips to avoid making common errors that employers make; overview of legal requirements that impact the employment relations; wage and overtime requirements; minimizing liability for discrimination and harassment issues, and reasonable accommodation process for disabilities. (0.10 CEU)

304: Industrial Athlete

10:00 am – 12 Noon

Dr. Kendon Dressel, Nibbi Bros. General Contractors – Overview of physiology and psychology of injury of the industrial athlete. Athletic training principles used to prevent injury and optimize performance. Discussion of risk factors and how to minimize them. Guidelines and tips for immediate improvement – pre-work stretching programs – effective or not? (0.25 CEU)

305: Workplace Investigations

1:00 pm – 2:40 pm - New

Deanna Mouser, Atkinson, Andelson, Loya, Ruud & Romo - Management representatives will learn the legal theories impacting on workplace investigations and steps for planning and conducting effective investigations of workplace issues. (0.10 CEU)

306: Workmans' Comp Cost Containment

1:00 pm – 3:00 pm - New

Bonnie Berger and Ellen Lersch, State Compensation Insurance Fund – This session covers employer's responsibilities; cost-saving measures; medical provider network; return to work program, and fraud vs. abuse. (0.25 CEU)

Tuesday, March 30 - Green Workshop Tracks

401: 8:00 am – 10:00 am

Green 1 of 9 - LEED: An Introduction to LEED for Contractors

Dan Burgoyne, California Department of General Services. (0.25 CEU)

402: Green 2 of 9 - 2010 California Building Code Part I

10:20 am – 12 Noon - New

Panel/Roundtable Presentation. (0.10 CEU)

403: Green 3 of 9 – 2010 California Building Code Part II

1:00 pm – 2:40 pm - New

Panel/Roundtable Presentation. (0.10 CEU)

Tuesday, March 30 - Cosumnes River College – Hands-on Training Tracks

501: Oxygen Acetylene Cutting

7:40 am – 12:00 Noon - New

David Meede, Cosumnes River College – Safety operations procedures and use; safety procedures (staying safe during set up and operation). How to set-up for cutting and welding (pressure, tip size and other attachments, storage, cleaning, and repair). Demonstrations of cutting (straight, angles, holes, and out of position) and use of track torch. Will go over the basic safety and use of plasma cutting. Hands-on: students turn to have fun with the cutting and welding process! *Additional materials fee of \$25 will apply* – (0.50 CEU)

502: Plasma ARC Cutting

12:40 pm – 5:40 pm - New

David Meede, Cosumnes River College – Additional materials fee of \$25 will apply – (0.50 CEU)

Tuesday, March 30 - PEMA – Hands-on - Training Tracks

All PEMA courses are provided in partnership with the Public Equipment Managers Association. Registration for these courses can be conducted by downloading a PEMA registration form from www.PEMA-CA.org or contacting Erik Gustafson at (530) 894-4202 or egustafs@ci.chico.ca.us - Each course has an add-on fee of \$25. Course pre-requisite: Attendees should have electronic component knowledge as an automotive or truck technician – this applies to OBD II, Automotive Body Controls, Mode 6 Scanner, and Evaporative Emissions.

601: PEMA Course – Vehicle Evaporative System Diagnostics

8:00 am – 12 Noon - New

Kevin Rogers, Cosumnes River College - This course covers the operation and diagnostics for both OBDI (pre1996), and OBDII (1996 and up), Vehicle Evaporative Emission Systems. Current emission regulations mandate testing of these systems when vehicles are emission inspected. By understanding how and when the various evaporative systems operate and by using new testing methods technicians will more effectively diagnose these systems.

Course pre-requisite: Attendees should have electronic component knowledge as an Automotive or Truck technician. Class Maximum is 20.

Additional materials fee of \$25 will apply - (0.50 CEU)

602: PEMA Course - California Air Resources Board Diesel Emission Regulations Overview

8:00 am – 12 Noon - New

Jorge DeGuzman, CARB - This course will provide an overview of the regulations regarding On-Road and Off-Road, emissions and control devices required in California. Deadlines and reporting requirements will be discussed for Municipal/Utility Fleets. Literature and contact information will be provided for Private On-Road Fleets. This course is ideal for everyone responsible for the diesel equipment maintenance in his or her municipality or company. Class Maximum is 25. Additional materials fee of \$25 will apply - (0.50 CEU)

603: PEMA Course – CHP BIT Inspection

8:00 am – 12 Noon - New

This course is presented by California Highway Patrol Officer Mike Bogdan. Mike will cover the 90-day BIT Inspection Program requirements along with recordkeeping and terminal inspection requirements. This course includes a hands-on inspection of steering, brakes, lights and will discuss allowable inspection limits and repair requirements. Class Maximum is 20. Additional materials fee of \$25 will apply - (0.50 CEU)

604: PEMA Course – Intro to Hybrids (Limited to Toyota Experience) - CANCELLED

8:00 am – 12 Noon - New

Martin Ristad, Dan Bonnama, Toyota Motor Sales, USA, Inc. - System overview of gasoline-electric automotive hybrid systems and working safely around their high-voltage systems. Instruction on hybrid design, transmission of power, recharging systems, and identification of primary and auxiliary voltage systems. Overview of preventative maintenance techniques and required services. Course pre-requisite: Toyota-hybrid fleet technicians only – class maximum is 15. Additional materials fee of \$25 will apply - (1.00 CEU)

606: PEMA Course – Onboard Diagnostics II (OBD II) Systems

8:00 am – 5:00 pm - New

Instructor TBD, ACDelco - On-Board Diagnostics II covers standard review of connecting to on-board vehicle computers, reading and interpreting CHECK engine trouble codes. Getting the most out of your scanners to diagnose engine and performance problems. Course will include component identification, wiring diagram interpretation, and analysis of trouble codes. Hands on testing and troubleshooting of vehicles are included. Course pre-requisite: Attendees should have electronic component knowledge as an Automotive or Truck technician. Class Maximum is 20 - Additional materials fee of \$25 will apply - (1.00 CEU)

607: PEMA Course – Heavy Truck Air Brakes Overview

8:00 am – 5:00 pm – New

Paul Jones, Bendix - Course covers air brake system overview, component identification and operation. Common troubleshooting diagnosis and repair methods, adjustment limits and mechanic responsibility. Review of safety inspections and requirements to ensure compliance with the California Highway Patrol BIT program. Class Maximum is 20 - Additional materials fee of \$25 will apply - (1.00 CEU)

605: PEMA Course – Mode 6 Diagnostics

1:00 pm – 5:00 pm - New

Kevin Rogers, Cosumnes River College - Have you ever wanted to know why the MIL light was turned on, what the manufactures test parameters are and how close is the vehicle system to the pass-fail parameter. Mode 6 is the built in diagnostics within the PCM for non-continuous OBDII monitors, I.E. EGR, CAT, O2 sensors, O2 heaters, and Evaporative systems. This course will cover Mode 6 information. You will learn how to determine when these systems are passing, failing or are borderline. Understanding the testing parameters and the pass-fail rate enables the technician to repair non-continuous system failures. Course pre-requisite: Attendees should have electronic component knowledge as an automotive or truck technician. Class Maximum is 20. Additional materials fee of \$25 will apply - (0.50 CEU)

608: PEMA Course – California Air Resources Board Diesel Emission Regulations Overview

1:00 pm – 5:00 pm - New

Instructor TBD, CARB - This course will provide an overview of Portable Diesel engines and second engine equipment (cranes, street Sweepers, and Vacuum Trucks) regarding regulations, emissions and control devices required in California. Deadlines and reporting requirements will be discussed for Municipal/Utility Fleets. Literature and contact information will be provided for Private On-Road Fleets. This course is ideal for everyone responsible for the diesel equipment maintenance in his or her municipality or company. Class Maximum is 25. *Additional materials fee of \$25 will apply - (0.50 CEU)*

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