

Santa Clara Valley IPSSA Newsletter



**Next General Membership Meeting
Thursday, October 17, 2019**

santaclaraipssa@gmail.com / scvipssa.org

Meeting Location

**September
Meeting Cancelled**

Volume #28, Issue 6

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President's Message

The PIE show is coming up this week, which usually signals the end of summer. The Board hopes you will be attending this year's show and remember if you are paying for educational classes, the chapter will reimburse you if you bring proof of payment.



Because of the show, the Board has decided to cancel the September chapter meeting. It just comes down to with all our sponsors being at the show, there isn't anyone available to put on a quality educational program.

So our next meeting will be **October 17th**.

The Board is working on the following projects:

Finding a place to hold our holiday party,

Finding a meeting place as well as coming up with an annual meeting schedule, where we only meet 8 times a year.

Hopefully we'll have answers on all those issues by the next newsletter.

Hope to see you in Monterey,

Fred

Cal-OSHA Enacts Emergency Regulations

*All Employers Must Train and Protect Outdoor Workers
From Wildfire Smoke*

This new emergency regulation will apply to pool service companies and those who work in the pool construction business. An action plan for employers is provided at the end of the article.

Effective July 29th, all California employers are mandated to provide new workplace training and worker protection from the dangers of wildfire smoke inhalation under new emergency regulations recently adopted by CAL-OSHA.

Current Situation

Wildfires in California became dramatically worse in 2018, causing deaths and economic damage that dwarfed previous years. The catastrophic Camp Fire was the deadliest and most destructive wildfire in state history, killing 86 people and destroying 18,804 structures. On January 8, 2019, Governor Gavin Newsom issued Executive Order N-05-19, declaring that 2018 was the most destructive fire season in California history, with over 7,600 wildfires burning across 1,846,445 acres. The Order states that "...the reality of climate change – persistent drought, warmer temperatures and more severe winds – has created conditions that will lead to more frequent and destructive wildfires."

Consistent with the Governor's Order, research conducted by the U.S. Environmental Protection Agency found that fires are increasing in frequency, size and intensity, creating the potential for greater smoke production and chronic smoke exposures in the United States, particularly in the West. This suggests that the 2018 wildfires were not merely an aberration, and that state agencies should be prepared for a high likelihood of widespread exposure to wildfire smoke in 2019 and beyond.

(Continued on page 5)



Regional training dates

Sunnyvale CA- February 25th 2020

Comfort Inn: 940 West Weddell Drive Sunnyvale, CA 94089

8am- Noon

Concord CA- February 26th 2020

Clarion Hotel: 1050 Burnett Ave Concord, CA 94520

8am-Noon

Sacramento CA- February 27th 2020

FPSIE: 598 Display Way Sacramento, CA 95838

8am-Noon

Topics covered: installation tips and tricks, remote wiring details, venting specifications, required clearances, applications, trouble shooting and repair!

**** Continental Breakfast ****

**** Door prizes and Giveaways ****

**** Limited space, register early ****

Registration link: https://apps.raypak.com/UserReg/users_calendar.php

Matt Anderson-District Sales Manager-cell#916-767-8185; matt.anderson@raypak.com

NEW RAYPAK EXTENDED WARRANTY

Extended 2-Year

Raypak pool and spa heaters are engineered to perform and built to last. The brand you know and trust is bringing you more peace of mind with a 2-year extended warranty on residential pool and spa heating products.

The benefits of our new extended warranty, include:

- 2-year extended warranty*
- Professional in person service
- 24-hour or same-day service**
- Genuine Raypak parts
- Factory technical support



The product registration process is quick and easy to complete. To take advantage of our extended warranty have your heater professionally installed and registered at warranty.raypak.com.



Raypak MasterTek warranty claim program will streamline and improve efficiency:



- Mobility. Allowing the tech in the field to collect data.
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- The system will prompt to return damaged parts when necessary.
- Servicer will have online access to view a history of their warranty claims and can track any open claims.
- Register for MasterTek today! Go to Raypak.com and click the MasterTek Registration link under the Support menu.

*See warranty on raypak.com for complete details. Conditions apply.

**Florida heat pumps only. Selected areas.





Cal-OSHA Enacts Emergency Regulations

From page 1

Government Response

Petition 573 was filed with the CAL-OSHA BOARD which requested an emergency rulemaking procedure to address the potential harm posed to outdoor workers by wildfire smoke. The Petition sought an emergency standard which would apply to outdoor occupations including agriculture, construction, landscaping, maintenance, commercial delivery, and “other activities not considered to be *first response*,” such as work performed by “nurses, caregivers and school staff evacuating patients, residents and students.”

How Summary of Existing Regulations and the Effect of the Proposed Regulation

Existing law, Title 8, section 3203, “Injury and Illness Prevention Program (IIPP),” establishes a general framework for the identification, evaluation, and correction of unsafe or unhealthy work conditions; communication with employees; and employee safety and health training. Existing law states that a “harmful exposure” is an “exposure to dusts, fumes, mists, vapors, or gases” which is either:

In excess of any permissible limit prescribed by section 5155; or
 Of such a nature by inhalation as to result in, or have a probability to result in, injury, illness, disease, impairment, or loss of function No permissible limit for PM2.5 is prescribed by section 5155, and no existing regulation specifies when wildfire smoke may result in injury, illness, disease, impairment or loss of function. Existing law lists the hierarchy of controls that employers must follow to address employee exposure to harmful air.

Existing law establishes that respirators “applicable and suitable for the purpose intended” must be provided “when such equipment is necessary to protect the health of the employee.” To determine when respiratory equipment is necessary, section 5144 requires employers to “identify and evaluate the respiratory hazard(s) in the workplace” and “include a reasonable estimate of employee exposures to respiratory hazard(s) and an identification of the contaminant’s chemical state and physical form.”

Section 5144 does not expressly state the protection necessary for wildfire events, the concentration of PM2.5 necessitating respiratory protection, nor does it identify a type of respirator providing at least minimally effective filtration of PM2.5 from wildfire smoke exposure, or make specifically clear what circumstances and conditions in which voluntary use of such respirators could occur in permissible accord with existing Title 8 respiratory protection requirements. Existing law, Title 8, section 5155, “Airborne Contaminants,” sets permissible exposure limits for substances. No permissible exposure limit is listed for either wildfire smoke or PM2.5.

New Section 5141.1. Protection from Wildfire Smoke

The emergency standard, new section 5141.1 establishes the application of the proposed regulation to all workplaces where the current Air Quality Index (AQI) for PM2.5 is 151 or greater and the employer should reasonably anticipate that employees may be exposed to wildfire smoke.

The regulation requires employers to:

Measure Air Quality for Outside Workers

Be able to measure the air quality of employee workplaces before each shift and periodically thereafter, as needed. Specifically, obtain the current AQI for PM2.5. **PM2.5** refers to atmospheric particulate matter (PM) that have a diameter of less than 2.5 micrometers, which is about 3% the diameter of a human hair. An employer may acquire this information by checking specified **government agency websites** or by **measuring the PM2.5 levels at the worksite**.

Develop an Emergency Action Plan (EAP)

The idea is to allow employers and workers during an emergency to act quickly, without evaluating the possible application of engineering or administrative controls. The plan should include:

A system for communicating wildfire smoke hazards with employees in a form readily understandable by all affected employees. This includes the current AQI for PM2.5 and related protective measures.

A system for employees to inform their employer about worsening air quality or possible symptoms of wildfire smoke exposure and to provide effective training and instruction to employees. The mandatory minimum training requirement is specified in **Appendix B**.

Engineering controls, including a plan for evacuation to enclosed structures or vehicles where the air is filtered.

Administrative controls if engineering controls are not feasible. Administrative controls can include relocating work, changing work schedules, reducing work intensity, or providing additional breaks.

Access to respiratory protective equipment and how to properly use it. If engineering or administrative controls are insufficient to keep the employees expose to wildfire smoke below PM 2.5, the regulation mandates that employers provide respirators for employees’ voluntary use, except in certain conditions respirators are required.

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How to Develop an Emergency Action Plan (EAP) Respiratory Protection

The complete regulation can be found at: <https://www.dir.ca.gov/OSHSB/documents/Protection-from-Wildfire-Smoke-Emergency-apprvdtxt.pdf>

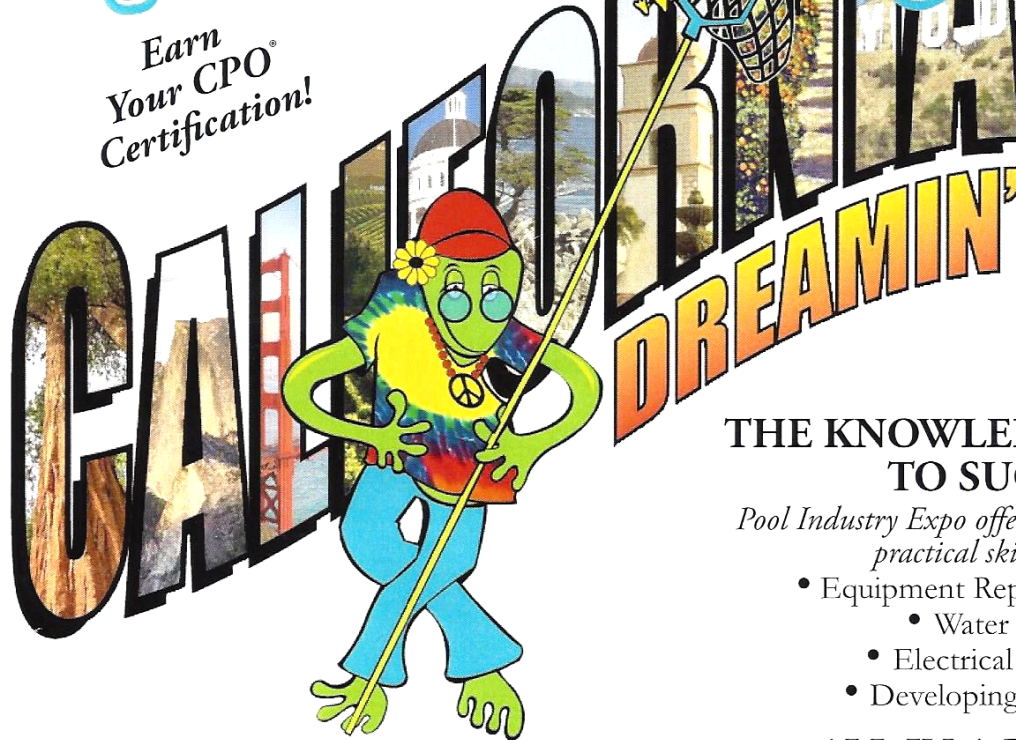
Supporting CPSA for a few hundred dollars per year allows us to continue to follow and act on legislation that could negatively impact your business. **Join today!**

Ready for an Education Vacation?

POOL INDUSTRY EXPO XXXIII
SEPTEMBER 19-21, 2019
MONTEREY, CALIFORNIA

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*Monterey is a worldwide travel destination
noted for its beautiful scenery,
mild weather, great
shopping, gourmet dining,
and world-class golf.*

Pool Industry Expo XXXIII will be held in the Monterey Conference Center, with its adjacent Portola Hotel & Spa — an AAA-rated 4-Diamond resort. PIE has arranged a special group rate of \$246 per night plus taxes at the Portola Hotel & Spa. The cutoff date for this special discount is August 19, 2019, at 5 p.m., so reserve your room today!
Telephone (888) 222-5851
Or visit online at:

<https://book.passkey.com/go/PIE2019PortolaHotel>

For Information, Call:

650-323-7743

Register Online At:

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This \$12 million, 360-degree infinity pool will sit atop a 55-story building in London—take a look

To call this a pool with a view would be an understatement. London, England will have what is reportedly the world's first sky-high 360-degree rooftop infinity pool in 2020.

The pool will be built on the roof of a 55-story building, situating the the 174-gallon pool 200 meters (or about 656 feet) in the air, according to designer Compass Pools. (*cnbc.com*)

Sick Route Card - Click on the card to fill it out!

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Company Name _____

Company Address _____ City _____ Zip _____ Phone _____

Contact Person _____ Phone _____

Location of Sick Route Cards _____

Cities where you provide service and the number of service accounts in each city.

City	Zip Code	Quantity	City	Zip Code	Quantity

This card must be updated every 6 months.
SR2-1296