# Safety & Security Talking Points for EH&S

**Month of December**

**Campus Emergency Preparedness:**

1. Completed Campus Wide Great American Shakeout on October 19, 2017.

**Safety Training:**

1. January 25, 2018 Spring Plenary:

   - Automated External Defibrillator (AED) Training: Learn how to correctly and efficiently use an AED with a trainer from San Diego Project Heartbeat. Knowing how to properly handle an AED is an important skill for the campus community and for life.
   - Office Ergonomics 101: One-hour educational program presentation presented by Humanscale designed to increase awareness of ergonomics among employees within Palomar College. The course provides an introduction to ergonomics through an overview of major principles specific to office environments.

**Fire Prevention Program:**

EH&S conducted Annual Fire Extinguisher Inspections at the San Marcos Campus on November 20th through 22nd of buildings:

- DA Building
- DR Building
- ECE Lab School
- FD Building
- HC Building
- ITC Building
- MC Building
- NS Building
- RS Building (includes Facilities compound)
- T Building

**Air Quality/Safety:**

1. **General Observations – TLC Building**

   At the request of Dr. Lisa Norman, Assistant Superintendent/Vice President of Human Resource Services, the Palomar Community College District Environmental Health and Safety Department performed an indoor air quality inspection at the TLC-Building on November 16, 2017 beginning at 10:21 a.m.

   A brief visual inspection of the indoor area did not reveal any immediate concerns – the interior space appeared to be well- ventilated with no excessive dust on surface areas.

**General Measurement of Indoor Air Quality**

EH&S performed indoor air quality monitoring in order to determine whether the air handling system is properly balanced and appropriate indoor and fresh outdoor air mixing is occurring. This test was performed using a calibrated Q-TRAK® Indoor Air Quality Meter (TSI-Instruments, Model No. 7575) beginning at 10:21 a.m. on November 16, 2017. The parameters measured included Temperature (Temp), relative humidity (rH), carbon monoxide (CO), and carbon monoxide ($CO_2$). The following is a summary of the measurements obtained:

- **Temp** – The temperature within TLC-Building ranged from approximately 76.9 to 79.5 degrees Fahrenheit (° F). The outside temperature was approximately 83.7 to 84.5 ° F.

- **rH** – The relative humidity within TLC-Building ranged from approximately 24.5 to 24.8 percent. The outside relative humidity ranged from approximately 27.1 to 27.9 percent.

- **CO** – The CO readings within TLC-Building and immediately outdoors were consistently less than 2.5 part per million (ppm).

- **$CO_2$** – $CO_2$ readings within TLC-Building ranged from 599 to 657 ppm while the sampling activities occurred. The outside $CO_2$ readings were measured between 409 to 411 ppm.

Indoor air quality parameters investigated during the assessment included temperature, humidity, CO levels and $CO_2$ levels. Real-time readings throughout the period of investigation indicated that the building is overall efficiently removing indoor air and properly mixing fresh, outdoor air.

All results and recommendations are limited to the airborne concentrations taken at the time of the sample collection only. Changes in weather, operating procedures, ventilation, temperature, humidity, occupant practices and other conditions including construction activities in the immediate area may cause variations in anticipated indoor airborne concentrations. No recommendation or further evaluations are needed at this time.

**ERGO/ADA Accommodations:**

<u>September 2017</u>

(1) Basic Ergo
(1) Worker's Comp
**Total: $2982.18**

<u>October 2017</u>

(6) Basic Ergo: 6
(4) Worker's Comps
**Total: $ 3477.99**

<u>November 2017</u>

(1) Basic Ergo

**Hazmat:**

1. October 2017 - (4) Medical Waste Shipments
2. November 2017 - (5) Medical Waste Shipments