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Pasadena Unified School District
351 S Hudson Ave
Pasadena, CA 91109

April 17, 2021

RE: Blair High School OSA and Ventilation Survey Report

EMCOR Services Mesa Energy Systems, and our team of experts (engineers, technicians, directors, managers, and other building systems professionals) have provided assessment and improvement services in order to verify and improve HVAC systems, which includes ventilation systems, as part of PUSD's preparation for safe reopening of schools.

Results

The overall result was that systems are in acceptable order for reopening next week, under reduced occupancy. For reduced occupancy and this first phase of reopening, is recommended that, as long as temperatures remain comfortable and as long as there are no security concerns, that the windows may be opened to increase or supplement the amount of ventilation air to each space. Mechanically, the equipment is in good working order.

The detailed results for **Blair High School** are as follows:

Mechanical – 39 classrooms and occupied spaces assessed on April 17, 2021.

- Findings: **1 office (A-123)** was found to have less outside air than recommended for the stated occupancy of 5 people. However, the measured CFM is suitable for a single occupant and the office may occupy multiple occupants with the door open to the area outside the office.
- Recommendations: Continue utilizing the outside air (Climate controlled) air handlers to supplement the LG ductless cassettes. All systems are in good working order and are providing the necessary outside air ventilation at this time.
 - Long-term
 - No repairs or long-term recommendations noted at this time.

Thank You,
Jason Rivadeneyra, General Foreman
EMCOR Services Mesa Energy Systems Team

