

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

Reference: Altadena Arts Magnet School –Mechanical Survey/ Air Flow Assessment

Our team of experts, comprising of engineers, technicians and surveyors recently inspected Altadena Arts Magnet School. Our specific scope of work was to conduct a mechanical inspection of all HVAC equipment and measure the outside air flow of each classroom with regard to current ASHRAE standards. The survey included each classroom within the school facility.

The Mechanical Inspection included 53 units inspected on March 6-7, 2021. The overall equipment is in satisfactory condition. It is our recommendation that the district continue to perform their comprehensive HVAC preventative maintenance plan, to include changing air filters on a quarterly basis during the COVID-19 pandemic.

Mechanical findings and recommendations:

- Short-term recommendations:
 - Perform routine preventative maintenance, to include belt replacements and quarterly filter changes
- Long-term recommendations:
 - Replacement of Chiller #2.

Outside air flow measurements were taken for Twenty-six (27) classrooms. The findings and recommendations are listed below:

- 22 classrooms passed without any modifications necessary
- 5 classrooms need additional modifications, as stated below

Modifications:

- Install two (2) additional air ducts (scheduled to be completed on April 10, 2021)
- Repair to air ducts to increase outside air flow (scheduled to be completed on April 10, 2021).
- Clean outside air screen and open outside air damper, completed on April 9, 2021

Sincerely,

Jennifer Lee
Enviser Service Department
SCL# 1005262

Thank you,
Enviser Service Department
SCL# 1005262