

Leslie Barnes  
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351 S Hudson Ave  
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**Reference:** Pasadena High School –Mechanical Survey/ Air Flow Assessment

Our team of experts, comprising of engineers, technicians and surveyors recently inspected Pasadena High School. Our specific scope of work was to conduct a thorough 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 121 pieces of mechanical equipment inspected on March 20, 2021 and March 27<sup>th</sup>, 2021. The overall result of the HVAC equipment is in satisfactory condition. The Chiller is currently in process of being replaced and the district has arranged for a temporary chiller to be set-up between April 15 to April 20, 2021; until the completion of the new chiller plant. It is our recommendation that the district continue to perform their comprehensive HVAC preventative maintenance plan, to include the routine of changing air filters on a quarterly basis during the COVID-19 pandemic.

Mechanical findings and recommendations:

- Perform routine preventative maintenance, to include the cleaning of coils.
- Change air filters on a quarterly basis.

Air Quality Survey:

The outside air flow measurements were taken for eighty-eight (88) classrooms and ten (10) rooms. The classrooms evaluated passed and have sufficient outside air flow. The units inspected bring in the required standard of outside air flow. However, there are three rooms that passed with modifications; classroom 202, the Garden Center and the Student dining area, it is recommended that these rooms have a door or window to remain open.

Sincerely,

Jennifer Lee  
Enviser Service Department  
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