

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

Reference: San Rafael Elementary School –Mechanical Survey/Air Flow Assessment

Our team of experts, comprising of engineers, technicians and surveyors recently inspected San Rafael Elementary 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 8 units inspected on March 27, 2021. It is our recommendation that the district continue with their comprehensive preventative maintenance HVAC plan. Majority of the equipment are window units inside the classrooms, and other non-window equipment was inspected.

Recommendations:

- Replace unit B1 East
- Replace 6 wall mounted Barb units

Outside air flow measurements were taken for twenty-four (24) rooms. In order for the classrooms to meet minimum outside air quality requirements, it is recommended doors and windows to be opened.

Recommendations:

- Short Term:
 - Clean units and open dampers on 5 Barb units
 - Keep windows and doors open
- Long Term: New Central Air System throughout the school

Sincerely,

Jennifer Lee
Enviser Service Department
SCL# 1005262

Thank you,
Enviser Service Department
SCL# 1005262