

DOCKETED

Docket Number:	20-RENEW-01
Project Title:	School Energy Efficiency Stimulus Program
TN #:	237758
Document Title:	CO2 Monitoring Comments Re Carbon Dioxide Monitors and Specifications
Description:	N/A
Filer:	System
Organization:	CO2 Monitoring
Submitter Role:	Public
Submission Date:	5/10/2021 9:05:36 AM
Docketed Date:	5/10/2021

*Comment Received From: CO2 Monitoring
Submitted On: 5/10/2021
Docket Number: 20-RENEW-01*

Re Carbon Dioxide Monitors and Specifications

Additional submitted attachment is included below.



May 7, 2021

California Energy Commission
Docket Unit, MS-4
Docket No. 20-RENEW-01
Re: Carbon Dioxide Monitors and Specifications
1516 Ninth Street
Sacramento, CA 95814-5512

Dear Commissioners and Staff,

CO2 Monitoring appreciates your efforts regarding the implementation of Assembly Bill (AB) 841. We would like to submit the following comments pertaining to the School Energy Efficiency Stimulus Program, specific to *Revised Staff Draft Guidelines: School Reopening Ventilation and Energy Efficiency Verification and Repair Program Guidelines*.

At CO2 Monitoring, we design, engineer, and assemble Aerosphere® Carbon Dioxide Detection Systems, the most versatile monitoring systems on the market. Last year, upon hearing about the specifications for carbon dioxide monitors in AB 841, my team designed a new product, the Aerosphere Mini. After hundreds of hours spent on engineering and significant financial investment, the Mini meets all the requirements of AB 841, and:

- Has plug and play technology to make installation simple with a standard outlet
- A measurement range of 0-50,000 ppm
- A default alarm threshold of 800-1200ppm
- Is designed, engineered, and assembled in the USA
- UL Listed and manufactured in an ISO 9001 Certified Facility

During the workshop last week, a representative from a company with a different carbon dioxide monitor technology requested specifications in the *Revised Staff Draft Guidelines* be changed to allow their wireless product to qualify. With all due respect to that suggestion, we believe that when the health and safety of children is on the line, the reliability that comes with a wired product is essential. Additionally, the other company commented on the difficulty of installation and moving a wired product. Our monitor/sensor can both be securely installed or moved in a few minutes with only a screwdriver or drill and an open electrical outlet. Furthermore, the monitor and sensor are easily connected and disconnected to each other via a Cat5 cable with RJ45/RJ11 jacks.

In summary, we ask that you also consider the safety and reliability of wired products as well as the investment that our company and others have made to engineer a carbon dioxide monitor that meets all the legislation's original requirements and intentions. Please do not make substantial changes to the original specifications. Again, we thank you for your hard work on this issue and let us know if we can be of any assistance.

Sincerely,

Ronald Longley
President



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