

VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

School District:	46 - Sunshine Coast
School Name:	Langdale Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2021-08-16
	Date of next inspection: 2022-01-04
	Date and type of most recent maintenance: Aug16, 2021 – Filter change and inspection
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: CO2 Setpoints reduced to 800 ppm. Minimum outdoor air damper position increased to 20%. Speed drives set to manual 100%.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgraded to MERV-13
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: Yes
	Detail: HEPA air purifier installed in portable in addition to air to air heat exchanger.
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: Running extended hours before and after school.
Other Relevant Information:	
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