

# 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.

<b>School District:</b>	05 - Southeast Kootenay
<b>School Name:</b>	Isabella Dicken Elementary School
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-08-24
	Date of next inspection: 2023-10-24
	Date and type of most recent maintenance: Filter change and regular preventive maintenance of HVAC system
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes
	Detail: We opened the outside air vents by 20%
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade):  We did not move to the Merv 13 as the engineers recommended, we not move to them. This school is served by 22 furnaces that all use Merv 8 tackifier media
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: Yes
	Detail: Cyclone Air Purifiers in every Room -Complete clean, scrub and disinfect to all ducting and air handling equipment to each school. This will be conducted every five years
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: We use DDC controls and have increased the air flow into the buildings.
<b>Other Relevant Information:</b>	We added a new 4 classroom addition to the school, it also included a Multipurpose room and some other offices. This new addition has 2 ICB boilers with heat ventilators in the rooms.
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