

## SCHOOL BUS NO IDLING POLICY

### **Applicability:**

This policy applies to the operation of every diesel-powered school bus operating in the district and owned by the signatory school bus company.

### **Rationale:**

According to the Environmental Protection Agency (EPA), exposure to diesel exhaust, even at low levels, is a serious health hazard and can cause respiratory problems such as asthma and bronchitis. Diesel emissions are well documented asthma triggers and may increase the severity of asthma attacks.

Asthma is currently the number one cause of missed school days for American children, and asthma affects more than 1 in 9 children in New England. In addition to the Rhode Island Department of Environmental Management, the Departments of Health and Elementary and Secondary Education, the American Lung Association of Rhode Island, First Student, Inc., Laidlaw Education Services of Southern New England and the Rhode Island Parent Teacher Association endorse this no idling policy.

**In collaboration with out district's school bus transportation provider, our school district agrees to undertake the following steps immediately:**

- School bus drivers will shut off bus engines immediately upon reaching destination, and buses will not idle while waiting for passengers. This rule applies to all bus use, including daily route travel, field trips, and transportation to and from athletic events. School buses will not be restarted until they are ready to depart and there is a clear path to exit the pick-up area.
- School bus companies and drivers will limit idling time during early morning warm-up to manufacturers' recommendations-generally 3-5 minutes in all but the coldest weather. Below are guidelines for idling in cold weather.  

<b>If the outside temperature is: Above 20 degrees F:</b>	<b>5 minute maximum</b>
<b>Between -10 and 20 degrees F:</b>	<b>15 minute maximum</b>
<b>Below -10 degrees F:</b>	<b>as necessary</b>
- Our district's schools will provide an indoor waiting space for drivers who arrive early and need to keep warm. This reduces the need for bus idling.
- Transportation operations staff will evaluate and shorten bus routes whenever possible, particularly for older buses with the least effective emissions control. Our district will review bus purchasing schedules and routing to further improve emission performance in conjunction with the district's transportation provider.
- School district bus drivers will complete a "no idling" training session. All bus drivers will receive a copy of this No Idling policy or equivalent educational materials at the beginning of every school year.
- The construction of new schools will incorporate measures to minimize children's exposure to diesel emissions. All schools will design bus parking zones to limit diesel exhaust inside the bus and in the school, including avoiding proximate school air intake vents, and parking buses on the diagonal to prevent front-to-back passing of emissions and to reduce diesel fumes in each bus. The direction of prevailing winds should be considered.

- If a bus requires an engine to be running in order to operate its flashing lights during longer duration loading and unloading, maintenance staff should install a heavy duty battery system, an extra battery and/or change the circuit configurations to power lights by battery without running the engine.
- To reduce engine warm-up time, avoid starting difficulties, and help defrost windows, the school bus company will consider using block heaters that plug into electrical outlets or inline auxiliary fuel fired heaters.
- Bus companies agree to maintain buses according to manufacturers' specifications.
- Exceptions to this policy are granted only when running the engine is necessary to operate required safety equipment or to maintain a safe environment for students with special health needs.
- In the event that Rhode Island's General Assembly enacts a statute mandating school bus no-idling provisions that differ from the provisions agreed to herein, the statutory and implementing regulatory requirements shall govern, from their effective date forward.

ADOPTED: September 26, 2005

CROSS REF.: EB

Bristol Warren Regional School District, Bristol, Rhode Island