



ELC International School Air Quality Control Plan

Reviewed January 2019

ELC Family of International Schools is committed to providing an intellectually stimulating and challenging learning environment, which encourages mental growth and free communication of ideas and skills. As part of this commitment, efforts have been made to ensure that our space meets the needs of our children, including the standard of air quality.

On a daily basis (7.30am and 11.30am) the office measures the air quality using a monitoring system for the ELC Outdoors. The monitor is able to detect levels of Particulate Matter smaller than 2.5 microns (PM 2.5) - the monitoring standard for air quality. On days when the air is unhealthy, the levels continue to be monitored throughout the day.

We have an Air Quality plan in place that uses the code system based on the Air Quality Index scale as defined by the US-EPA 2016 standard. This serves to alert the ELC staff to that particular day's air quality so we know when and how to modify our outdoor activities and outdoor events. A procedure is followed when the school community (staff and parents) are notified, should the air quality be such that the PE programme, outside playtimes, specialist classes, and After School activities (ASA's) and community events are affected.

AIR QUALITY PLAN - ELC FAMILY OF INTERNATIONAL SCHOOLS

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AQI PM2.5	Colour classification	Description	School Response	Communication
0 - 50 0.0 - 11.7	Good	Air quality is considered satisfactory, and air pollution poses little or no risk.	All children: Continue as normal. Staff: Continue as normal	None
51 - 100 12 - 34.9	Moderate	Air quality is acceptable. However, there may be a moderate health concern to a very small number of people. Children who are unusually sensitive to air pollution could have symptoms. Most children and staff are not likely to be affected	All children: Continue as normal. Staff: Continue as normal, watch for symptoms in unusually sensitive children and adults	None
101-125 35.4 - 45.2	Unhealthy for sensitive individuals	Watch for symptoms within the sensitive/at risk children. Others not included in this group are not likely to be affected.	18 to 36 month old: No outside play. K1-Y6: P.E restricted to 30 minutes. Watch for children that are susceptible. Outdoor play restricted to 30 minutes. Sensitive/at risk children indoors.	Inform ELC staff of decrease in Air Quality
126-149 45.8 - 54.9	Unhealthy Phase 1	Everyone may experience some adverse health effects, especially sensitive groups. At risk children should have inhalers at hand.	NO Outdoor activities. P.E classes either cancelled or held inside. NO After School play. NO Outdoor ASA's.	Inform ELC community of the emerging AQ situation
150-200 55.4 - 148.4	Unhealthy Phase 2	Everyone may experience some adverse health effects, especially sensitive groups. At risk children should have inhalers at hand.	NO Outdoor activities. P.E classes either cancelled or held inside. NO After School play. NO Outdoor ASA's.	Inform ELC community of the emerging AQ situation via SMS or email
201-300 150.4 - 249.3	Very Unhealthy	People may experience more serious health-related effects.	NO Outdoor activities. P.E classes either cancelled or held inside. NO After School play. NO Outdoor ASA's. Liaise with other schools and Ministry of Education	Inform ELC community of the emerging AQ situation via SMS or email

301+ 250.4+	Hazardous	This would be an emergency condition and affect the whole population of Bangkok.	ELC may be closed; parents will receive notification. All Sport activities and outdoor ASA's are cancelled.	Inform ELC community of the emerging AQ situation via SMS or email
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If parents choose not to send their child/ren to school for any reason, they must notify the School Office of their decision.