



Air Quality Policy

1. Purpose

The purpose of this policy is:

- to provide simple information regarding air quality
- To provide common sense procedures in the event of deteriorating air quality
- to safeguard the health of students and staff

2. Scope

The policy applies to all members of the Dyatmika community

3. Definitions and FAQs

Is there a problem with Air Quality?







The school benefits from being close to the ocean with fresh ocean breezes during the day. Air quality is generally considered to be good.

Does the school monitor the air quality?

The school has an air quality monitor and readings are taken and logged at different times of the day, every day.

What is the AQI?

This is the Air Quality Index and can be summarised below:

	US AQI Level	PM2.5 ($\mu\text{g}/\text{m}^3$)	Health Recommendation (for 24 hour exposure)
	Good 0-50	0-12.0	Air quality is satisfactory and poses little or no risk.
	Moderate 51-100	12.1-35.4	Sensitive individuals should avoid outdoor activity as they may experience respiratory symptoms.
	Unhealthy for Sensitive Groups 101-150	35.5-55.4	General public and sensitive individuals in particular are at risk to experience irritation and respiratory problems.
	Unhealthy 151-200	55.5-150.4	Increased likelihood of adverse effects and aggravation to the heart and lungs among general public.
	Very Unhealthy 201-300	150.5-250.4	General public will be noticeably affected. Sensitive groups should restrict outdoor activities.
	Hazardous 301+	250.5+	General public at high risk of experiencing strong irritations and adverse health effects. Should avoid outdoor activities.

Source: <https://www.iqair.com/us/newsroom/resources/what-is-aqi>






Sekolah Dyatmika
Jalan Pucuk Bang Kesiman
Denpasar 80237
Bali, Indonesia

Mailing Address:
P.O. Box 3509
Denpasar 80035
Bali, Indonesia

Tel +62 361 461 874
info@dyatmika.org
www.dyatmika.org



What is the guidance for outdoor activities?

Air Quality Index	Outdoor Activity Guidance
 green GOOD	Great day to be active outside!
 yellow MODERATE	Good day to be active outside! Students who are unusually sensitive to air pollution could have symptoms.*
 orange UNHEALTHY FOR SENSITIVE GROUPS	It's OK to be active outside, especially for short activities such as recess and physical education (PE). For longer activities such as athletic practice, take more breaks and do less intense activities. Watch for symptoms and take action as needed.* Students with asthma should follow their asthma action plans and keep their quick-relief medicine handy.
 red UNHEALTHY	For all outdoor activities , take more breaks and do less intense activities. Consider moving longer or more intense activities indoors or rescheduling them to another day or time. Watch for symptoms and take action as needed.* Students with asthma should follow their asthma action plans and keep their quick-relief medicine handy.
 purple VERY UNHEALTHY	Move all activities indoors or reschedule them to another day.

Source: <https://www.airnow.gov/sites/default/files/2018-09/air-quality-and-outdoor-activity-guidance-2014.pdf>

Can students wear a mask to school?

Parents are welcome to send their child to school wearing a mask if air quality levels deteriorate or if they have related health issues.

Does the school work with the surrounding community to promote good air quality?

The Campus Manager together with the local Banjar have created an agreement that farmers in the surrounding fields only burn their fields outside of school hours.

4. Procedures

Daily readings

The Campus managers take air quality reading daily and log these.



The usual pattern is that air quality improves during the morning as the land heats and the onshore winds start to blow.

[AQI below 50](#)

Air Quality is considered good.

[AQI above 50](#)

- Outdoor activities continue as normal
- PE staff should be aware of those students known to have respiratory problems (e.g Asthma) and monitor these students in their lessons.
- Students requiring medication related to asthma will take normal precautions and medication as required.

[AQI above 100](#)

- **If the AQi is above 100 an email will be sent to staff to raise awareness**
- If & when the AQI level drops, a further email will be sent to staff
- Students can be outside at break and lunch, less strenuous activities advised
- PE lessons can continue yet frequent rests should be taken and prolonged/intense activities should be avoided. Staff must be aware and vigilant of students with respiratory issues.
- Children at risk (e.g those with poor Asthma) can spend break and lunch in the library if needed (parents may request this)

[AQI above 150](#)

- This is a rare occurrence
- **If the AQi is above 150 an email will be sent to staff to raise awareness**
- Usually related to the localised burning of rice fields etc.
- Doors and windows should be closed
- “Wet play” type procedures implemented for younger students moving them indoors to classrooms
- Break and lunch time activities outside must be calmer, less strenuous. E.g no football / basketball
- PE lessons Must be low intensity. Prolonged/intense activities must be avoided.
- Staff must be aware and vigilant of students with respiratory issues. Recommended that younger students remain indoors and do not participate / medication is close to hand for older, more independent students.
- Students and staff may wish to wear masks when moving around the school

[AQI above 200](#)

- This is a rare occurrence



- **If the AQI is above 200 an email will be sent to staff to raise awareness**
- Usually related to the localised burning of rice fields etc.
- Doors and windows should be closed
- All activities move indoors - no outside PE lessons

5. Roles and responsibilities

The Board is to:	<ul style="list-style-type: none">● Provide any related advice to parental inquiries that is consistent with the policy.
The Director is to:	<ul style="list-style-type: none">● Apply the policy and provide related support as needed.
The Business Manager is to:	<ul style="list-style-type: none">● Ensure admin staff follow and understand the policy● Ensure the email alerts are sent out as per the policy if levels exceed 100
Heads of School are to:	<ul style="list-style-type: none">● Ensure all staff are aware of this policy
Teachers are to:	<ul style="list-style-type: none">● Read, understand and implement the policy

6. Change history

Version	Developed by	Date of issue
1	Director	August 2023