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APPENDIX A

Air quality index (government data)

Pollutant Index		Good	Fair	Unhealthy for Sensitive Groups	Very Unhealthy	Acutely Unhealthy	Emergency
$\mu\text{g}/\text{m}^3$	TSP (24-Hr Ave)	0-80	81-230	231-349	350-599	600-899	900-above
$\mu\text{g}/\text{m}^3$	PM ₁₀ (24-Hr Ave)	0 – 54	55 – 154	155 - 254	255 – 354	355 – 424	425 – 504
ppm	SO ₂ (24-Hr Ave)	0.000-0.034	0.035-0.144	0.145-0.224	0.225-0.304	0.305-0.604	0.605-0.804
ppm	CO (8-Hr Ave)	0.0 – 4.4	4.5 – 9.4	9.5 – 12.4	12.5 – 15.4	15.5 – 30.4	30.5 – 40.4
ppm	O ₃ (8-Hr Ave)	0.000-0.064	0.065-0.084	0.085-0.104	0.105-0.124	0.125-0.374	See Note ¹

Philippine national ambient air quality (NAAQ) guideline values

POLLUTANTS	Short Term			Long Term		
	$\mu\text{g}/\text{Nm}^3$	ppm	Averaging Time	$\mu\text{g}/\text{Nm}^3$	ppm	Averaging Time
TSP	230	-	24 hours	90		1 year
PM ₁₀	150	-	24 hours	60		1 year
Sulfur dioxide	180	0.07	24 hours	80	0.03	1 year
Nitrogen dioxide	150	0.08	24 hours			
Photochemical oxidants as ozone	140	0.07	1hour			
	60	0.03	8 hours			
Carbon monoxide	35 $\mu\text{g}/\text{Nm}^3$	30	1hour			
	10 $\mu\text{g}/\text{Nm}^3$	9	8 hours			
Lead	1.5	-	3 months	1.0		1 year

Source: *Philippine Clean Air Act of 1999, section 12*