

## TREN KUALITI UDARA

### AIR QUALITY TREND

Lima (5) pencemar udara iaitu kumin pepejal ( $PM_{10}$ ), ozon permukaan bumi ( $O_3$ ), sulfur dioksida ( $SO_2$ ), nitrogen dioksida ( $NO_2$ ) dan karbon monoksida (CO) dipantau secara berterusan di 52 buah lokasi. Tren kualiti udara dari tahun 2000 hingga 2015 ditentukan dengan mengambilkira purata data kualiti udara tahunan daripada stesen-stesen pengawasan dan merujuk kepada Garis Panduan Kualiti Udara Ambien Malaysia seperti yang ditunjukkan dalam **Jadual 1.2**.

Five (5) air pollutants, namely Particulate Matter ( $PM_{10}$ ), Ground Level Ozone ( $O_3$ ), Sulphur Dioxide ( $SO_2$ ), Nitrogen Dioxide ( $NO_2$ ) and Carbon Monoxide (CO) were monitored continuously at 52 locations. The air quality trend for the period of 2000 to 2015 was computed by averaging annual air quality data received from the monitoring sites and cross-reference with Malaysia Ambient Air Quality Guidelines as shown in **Table 1.2**.

Jadual 1.2 Malaysia : Garis Panduan Kualiti Udara Ambien Malaysia  
Table 1.2 Malaysia : Ambient Air Quality Guidelines

BAHAN PENCEMAR POLLUTANT	MASA PURATA AVERAGING TIME	GARIS PANDUAN MALAYSIA MALAYSIA GUIDELINES	
		ppm	( $\mu\text{g}/\text{m}^3$ )
OZON OZONE	1 HOUR 8 HOURS	0.10 0.06	200 120
KARBON MONOKSIDA CARBON MONOXIDE	1 HOUR 8 HOURS	30.0 9.0	35** 10**
NITROGEN DIOKSIDA NITROGEN DIOXIDE	1 HOUR 24 HOURS	0.17 0.04	320
SULFUR DIOKSIDA SULPHUR DIOXIDE	1 HOUR 24 HOURS	0.13 0.04	350 105
PEPEJAL TERAMPAI ( $PM_{10}$ ) PARTICULATE MATTER ( $PM_{10}$ )	24 HOURS 12 MONTHS		150 50
TOTAL SUSPENDED PARTICULATE (TSP)	24 HOURS 12 MONTHS		260 90
BESI LEAD	3 MONTHS		1.5

Nota / Note : \*\*  $\text{mg}/\text{m}^3$