Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 13.6.2022 (BASED ON WHO GUIDELINES - 2021)

Permissible Limits (24 Hour Mean): $PM_{10} = 45$; $PM_{2.5} = 15$, all units are in $\mu g/m^3$

	Date Today: June 13 – 12 Yesterday June 12 – 11	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date	SANJAY PLACE (ARITHMETIC MEAN DATA)									
			ntration /m³)	Meteorological Parameters							Today: June 13 – 12	Concentration (µg/m³)		Meteorological Parameters							
		PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	Max	Min	SR W/m²	RF mm	Yesterday June 12 – 11	PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T Max	°C Min	SR W/m²	RF mm	
4 / 97	Today	07↑	57↑	33	4.6	S	45.1	33.8	179	0											
	Yesterday	11	93	32	5.0	SSE	46.5	32.8	180	0	Today	37↑	199↑↑	33	4.0	SSE	47.6	36	237	0	
3/34	Today	09↑	34↑	34	4.8	S	44.6	33.8	182	0											
	Yesterday	12	49	33	5.0	SSE	45.4	32.8	187	0	Yesterday	56	290	32			48.2	33.4	237	0	
Science Faculty	Today	08↑	31↑	34	4.6	S	44.5	33.7	179	0					3.9	SSE					
	Yesterday	12	49	33	5.0	SSE	44.8	32.9	180	0											

Within WHO 2021 Limits

Beyond WHO 2021 Limits

Views of AQI Research Group: In comparison to yesterday, concentrations of $PM_{2.5}$ and PM_{10} have further decreased at all the three locations of Dayalbagh. Concentrations of $PM_{2.5}$ are within the WHO limits at all the three locations of Dayalbagh. Concentrations of PM_{10} are within the WHO limits at Prem Nagar and Science Faculty and remain beyond the limits at Vidyut Nagar.

At Sanjay Place also, the concentrations of both $PM_{2.5}$ and PM_{10} have decreased further, but still remain beyond the WHO permissible limits.

Perused By Way of Information Only, Subject To Legalise/Legalese/"Laws of the Land".

Monday, 13-06-2022, 05:24 PM Received, Monday, 13-06-2022, 12:15 PM

Since WHO (World Health Organization) Guidelines only provide a single value for permissible $PM_{2.5}$ and PM_{10} pollutant concentrations and do not provide concentration bands for the different Air Quality Index (AQI) categories ranging from **Good** to **Hazardous for All**, as does the US EPA (United States Environmental Protection Agency), the Report 2 annexed based on US EPA norms may be referred to, for Air Quality Index (AQI) categories.