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**GOVERNMENT OF THE PUNJAB  
LAW AND PARLIAMENTARY AFFAIRS DEPARTMENT**

**NOTIFICATION  
(122 of 2016)**

12<sup>th</sup> August 2016

The following Notification No. SO(G)/EPD/7-26/2013, dated 05.08.2016 regarding the Punjab Environmental Quality Standards for Ambient Air is published for general information:

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Secretary  
Government of the Punjab  
Law and Parliamentary Affairs  
Department

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**Government of the Punjab  
Environment Protection Department**

**NOTIFICATION: No. SO(G)/EPD/7-26/2013.** - In exercise of the powers conferred under clause (c) of sub-section (1) of section 4 of the Punjab Environmental Protection Act, 1997 (XXXIV of 1997), Environmental Protection Council has approved the following as the Punjab Environmental Quality Standards for Ambient Air:

**Punjab Environmental Quality Standards for Ambient Air**

Pollutant	Time-weighted average	Concentration in Ambient Air	Method of measurement
Sulfur Dioxide (SO <sub>2</sub> )	Annual Average*	80 µg/m <sup>3</sup>	Ultraviolet Fluorescence method
	24 hours**	120 µg/m <sup>3</sup>	
Oxides of Nitrogen as (NO)	Annual Average*	40 µg/m <sup>3</sup>	Gas Phase Chemiluminescence
	24 hours**	40 µg/m <sup>3</sup>	
Oxides of Nitrogen as (NO <sub>2</sub> )	Annual Average*	40 µg/m <sup>3</sup>	Gas Phase Chemiluminescence
	24 hours**	80 µg/m <sup>3</sup>	
Ozone (O <sub>3</sub> )	1 hour	130µg/m <sup>3</sup>	Non dispersive UV absorption method
Suspended Particulate Matter (SPM)	Annual Average*	360µg/m <sup>3</sup>	High Volume Sampling, (Average flow rate not less than 1.1 m <sup>3</sup> /min).
	24 hours**	500µg/m <sup>3</sup>	
Respirable Particulate Matter PM <sub>10</sub>	Annual Average*	120µg/m <sup>3</sup>	Preferably β-Ray absorption method
	24 hours**	150µg/m <sup>3</sup>	
Respirable Particulate Matter PM <sub>2.5</sub>	Annual Average*	15µg/m <sup>3</sup>	Preferably β-Ray absorption method
	24 hours**	35µg/m <sup>3</sup>	

Pollutant	Time-weighted average	Concentration in Ambient Air	Method of measurement
	1 hour	15 $\mu\text{g}/\text{m}^3$	
Lead (Pb)	Annual Average*	1 $\mu\text{g}/\text{m}^3$	ASS Method after sampling using EPM 2000 or equivalent Filter paper
	24 hours**	1.5 $\mu\text{g}/\text{m}^3$	
Carbon Monoxide (CO)	8 hours**	5 $\text{mg}/\text{m}^3$	Non Dispersive Infra Red (NDIR) method
	1 hour	10 $\text{mg}/\text{m}^3$	

\* Annual arithmetic mean of minimum 104 measurements in a year taken twice a week 24 hourly at uniform interval.

\*\* 24 hourly /8 hourly values should be met 98% of the in a year. 2% of the time, it may exceed but not on two consecutive days.

*(Signature)*

(IQBAL MOHAMMED CHAUHAN)  
Secretary, Government of the Punjab  
Environment Protection Department