

附件 4

Emission standard of Air Pollutants for printing industry

Abstract:

1. This standard specifies the volatile organic compound content limits of materials, the emission limits of air pollutants, fugitive emission and the requirements of monitoring, control, implementation, supervision of air pollutants in printing industry.
2. This standard applies to the management of air pollutant emissions in the printing industry of existing enterprises within the administrative jurisdiction of Shanghai. It is applicable to the environmental impact assessment of enterprises engaged in printing production and the construction projects of printing production facilities, the design of environmental protection facilities, the acceptance of completed environmental protection, emission permits and the management of air pollutant emissions after production.
3. From the date of release of this standard, printing inks, cleaning agents, adhesives, etc. used in the printing production process should comply with national standards; from the date of implementation of this standard, newly established enterprises should comply with the organized emission limit stipulations, and existing enterprises should start implementing from (date) .
4. The control limits for air pollutant emissions involved in this standard are as follows:

No.	Pollutant	Emission concentration limit (mg/m³)	Emission rate limit (kg/h)	Monitoring location of pollutant emission
1	Benzene	1	0.03	Exhaust duct of workshop or production facility
2	Toluene	3	0.1	
3	Xylene	12	0.4	
4	Aromatic compounds	15	0.5	
5	Non-methane total hydrocarbon (NMHC)	50	1.5 ^a	
6	Particulate matter	10	0.4	
Note: ^a When the purification efficiency of NMHC is not less than 90%, it is equivalent to meeting the maximum allowable emission rate limit requirement."				