

**2005 – Limit values and margins of tolerance, upper and lower assessment thresholds,  
target air pollution limit values and long-term air pollution targets  
according to the Government Order No. 350/2002 Coll. as amended**

**for the protection of health**

**Air pollution limit values**

Pollutant	Averaging interval	Assessment threshold [ $\mu\text{g.m}^{-3}$ ]		Limit value [ $\mu\text{g.m}^{-3}$ ] LV	Margin of tolerance (for 2005) [ $\mu\text{g.m}^{-3}$ ] MT	Date for achieving LV
		Lower LAT	Upper UAT			
SO <sub>2</sub>	1 hour	—	—	350 max. 24x/year	—	—
	24 hours	50 max. 3x/year	75 max. 3x/year	125 max. 3x/year	—	—
PM <sub>10</sub>	24 hours	20 max. 7/year	30 max. 7x/year	50 max. 35x/year	—	—
	calendar year	10	14	40	—	—
NO <sub>2</sub>	1 hour	100 max. 18x/year	140 max. 18x/year	200 max. 18x/year	50	1.1.2010
	calendar year	26	32	40	10	1.1.2010
Pb	calendar year	0.25	0.35	0.5	—	—
CO	max. daily 8-h running average	5 000	7 000	10 000	—	—
Benzene	calendar year	2	3.5	5	5	1.1.2010

**Target air pollution limit values and long-term air pollution targets**

Pollutant	Averaging interval	Assessment threshold [ $\mu\text{g.m}^{-3}$ ]		Target air pollution limit value [ $\mu\text{g.m}^{-3}$ ] LV	Date for achieving LV
		Lower LAT	Upper UAT		
O <sub>3</sub>	max. daily 8-h running average	—	120*	120, 25x in 3-year average	1.1.2010
Cd	calendar year	0.002	0.003	0.005	31.12.2012
As	calendar year	0.0024	0.0036	0.006	31.12.2012
Ni	calendar year	0.010	0.014	0.020	31.12.2012
BaP	calendar year	0.0004	0.0006	0.001	31.12.2012

\* For ozone this value is called target air pollution limit value.

**for the protection of ecosystems**

Pollutant	Averaging interval	Assessment threshold [ $\mu\text{g.m}^{-3}$ ]		Air pollution limit value [ $\mu\text{g.m}^{-3}$ ] LV	Date for achieving LV
		Lower LAT	Upper UAT		
SO <sub>2</sub>	year and winter period (1.10.-31.3.)	8	12	20	—
NO <sub>x</sub>	calendar year	19.5	24	30	—

Pollutant	Averaging interval	Long-term air pollution target [ $\mu\text{g.m}^{-3}.\text{h}$ ]	Target air pollution limit value with effect from 1.1.2010 [ $\mu\text{g.m}^{-3}.\text{h}$ ]
O <sub>3</sub>	AOT40, calculated from 1h values between May and July	6 000	18 000 average for 5 years

Territories in which the Government Order requires meeting the limit values for the protection of ecosystems and vegetation:

- national parks and protected landscape areas
- territories with the altitude  $\geq 800$  meters
- other selected forested areas published in the Bulletin of the Ministry of the Environment