

## Summary

From January 2006 on, a continuous experiment consisting in determinations of granulometric composition of the airborne dust has been performed in the Institute of Environmental Engineering of PAS, Zabrze. The investigations include measurements of concentrations of PM<sub>1</sub> – the suspended in ambient air particles of the aerodynamic diameter not greater than 1  $\mu\text{m}$  – by using the PM<sub>10</sub> Dekati impactor. The results of twelve month measurements (January – December 2006) are presented in the paper: the granulometric composition of total suspended dust (PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>1</sub>) in winter and summer at an urban background site in the Silesian Agglomeration. Monthly and seasonal average concentrations of PM<sub>10</sub>, PM<sub>2.5</sub> and PM<sub>1</sub> were computed.