

环境保护

体温计厂周围汞污染的监察和评价

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摘要:

考察了体温计厂附近大气、土壤和园林植物受汞污染危害的情况,发现大气汞的污染与距离的关系式为 $y=0.01076-0.00151nx$,土壤污染与距离的关系式为 $y=14456.3319 \cdot X-1.9103$.研究指出园林土壤的含汞量为农业土壤的6倍.在汞污染源四周栽植常绿乔灌木是限制汞污染扩散的有效途径.

关键词: 汞 土壤 园林植物

Monitoring and Assesment of Mercury Pollution in the Vicinity of a Clinical Thermometer Factory

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Abstract:

Abstract Mercury pollution of atmospher, soil and horticultural plants in the vicinity of a clinical thermometer factory was investigated. The results showed that mercury pollution of atmospher and soil decreased with the extension of distance from the contaminative sourece. The relative formula between air pol-lution and distance was $Y= 0. 1076 - 0. 0015 \ln X$. The relative formula between soil pollution and distance was $Y= 14456. 3319. X-1.9103$. It was found that mercury contents of soils for horticultural use were 6 times higher than that for agricultural use. Suggestion about tree planting around a mercury polluted zone was alsopresented in the thesis.

Keywords: Mercury Soil Horticultural plant

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