

## **VOC EMISSIONS AND TVOC EMITTED TO THE AIR BY THE INTERIOR EQUIPMENT**

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### **ABSTRACT**

In the article there are solved the problems of the VOC and TVOC measurements in indoor air and the influences that have great impact on them. The influence of the using gypsum plasterboards, the furniture set and floor covering made from PVC and glued by the rubber solvent glue on the quality of indoor air especially in the dependence of time. The reached results of the work show the significant influence of the PVC floor covering on the amount of TVOC and the quality and quantity of benzene, toluene and xylenes in indoor air. Results of measurements prove to use the rooms with floor covering glued by rubber solvent glued is not very good for human health.

**Key words:** PVC flooring, TVOC, VOC, gypsum plasterboard, GC/MS