

## Measurement of Noise during the Process of Cutting Materials by Water Jet

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Water jet technology material cutting is analyzed from the point of view of environment, namely of an impact of noise to production process working conditions. Except noise, vibrations also influence working environment but this problem in this text is not dealt with. Measuring of noise level was focused on one working shift at a production workplace of a firm WATING Prešov. Two workers were chosen for this purpose - operators who operate two cutting desks during a common working shift. In accordance of given methodics, measuring microphones were placed on the operators and on selected places of the workplace. The recorded results of measuring were evaluated and consequently steps for noise elimination during water jet cutting process were accepted.

**Keywords:** Noise at production process, Water jet material cutting, Noise measuring, Noise impact to working environment

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