

## **On-line Database of Industrial Noise Sources**

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**Abstract.** The paper presents concept and structure of relational database for description of noise sources investigated within the framework of the project “Development of methodologies and means for protection from environmental noise.” The database is used for collecting and storing experimental results of industrial noise measurements that were carried out for the purpose of noise mapping and noise protection planning. The database provides information about equivalent noise level and one-third octave noise spectrum in the near field of sound sources. The access to the database is possible through standard SQL queries, which is suitable for software tools used for noise reduction. The rights for submitting data are granted only to the developers, while all collected data are publicly available via the Internet.

**Keywords:** Database, noise level, industrial noise sources.