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THE IMPACT OF CONSTRUCTION WORKS CONDUCTED ON THE ROUTE DTŚ ON A LOCAL AIR QUALITY EVALUATED WITH THE USE OF NO₂ MEASUREMENTS

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Abstract

One of the basic documents of the Environmental Impact Assessment (EIA) procedure is the Environmental Impact Report. It contains information obtained during the investor's assessment of any impact on the environment that may be caused by the object – also from the side of construction works at the investment stage. The authors, on the basis of nitrogen dioxide concentration data obtained from continuous, multi month measurements carried out with the use of the OPSIS device over the diametrial route DTŚ construction site in Gliwice, have evaluated the NO₂ emission impact on the atmospheric air at the construction phase. The measurements made by the authors enabled in verifying the correctness of the assessments and comments regarding the impact of construction works conducted on the route DTŚ on the atmospheric air in the construction phase, contained in the Environmental Impact Report.

Keywords: Air pollution; Nitrogen dioxide; Motoring sources of NO₂; Differential optical absorption spectroscopy; OPSIS.