Monitoring of waste management installation and waste analyses

- MONITORING OF WASTE MANAGEMENT INSTALLATION
- MORPHOLOGICAL AND PHYSICOCHEMICAL ANALYSES OF WASTE
- ANALYSES OF WASTE FOR SECONDARY FUELS
- DEVELOPMENT OF ENVIRONMENTAL REPORTS

IETU

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Institute for Ecology of Industrial Areas

Scope of services

Waste and by-products are resources that can and should be recovered and reused. Monitoring of waste management installation allows the enterprise to control the waste management system, reduce risks and increase its effectiveness.

The service includes

- technological and environmental monitoring of waste management installation - assessment of waste collection system efficiency, analyses of waste streams and adjustment of technical solutions to the properties of waste streams
- morphological and physicochemical analyses of municipal waste and fractions processed in mechanical and biological waste treatment installations (MBP) - assessment of paper, metal, plastic, glass recovery possibilities
- analyses of waste in compliance with legally binding storage admission criteria - compliance tests
- analyses of municipal waste in order to determine the actual share of paper, metal, plastic, glass and multi-material waste for which the levels of: recycling, preparation for reuse and recovery were established as well as analyses documenting the rate of recycling and recovery of packaging waste
- analyses of waste for secondary fuels: calorific value, humidity, chlorine, sulphur, fluorine, biomass, mercury, morphological composition (e.g. analyses necessary for issuing a document confirming other than recycling recovery of waste - DPO)
- development of environmental reports for production, service and infrastructure facilities which affect or may potentially affect the environment, including initial reports

In the case of waste streams, the composition of which changes periodically, the variability cycles are analysed. For municipal waste, an annual testing period is preferred, after which the customer receives (depending on the scope of the order):

- test results (the sampling scheme is agreed on with the customer)
- results of waste analysis
- efficiency indicators and modernisation recommendations

Contact

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We have many years of experience in the development of environmental impact assessments and extensive interdisciplinary knowledge in the field of historical and topographical analyses, spatial planning, risk assessment for technological processes, sozology, sociology, administrative law, environmental protection, as well as mathematical modelling.

Recipients of services

Our services enable customers to fulfil their obligations under the Environmental Protection Law, in that:

- implement tasks in the field of recovery and disposal of waste and reduction of environmental impacts
- improve internal control and waste management procedures
- control operation of the installation and achievement of the required recovery levels

Analysis and sampling are included in the quality system. IETU's Central Laboratory holds an accreditation certificate for testing laboratory No. AB 325 issued by the PCA.

AB 325

Our experience

We specialise in rendering services for waste treatment and waste production plants. We guarantee professional and tailor-made services adjusted to individual situations and specificity of the facility. We can provide our services in full or in part.

We have many years of experience and use professional equipment

Our customers

Municipal Cleaning Company in Cracow
Waste Management Plant in Gdańsk
Savona Project in Tarnów
Coal Company in Jastrzębie
Production-Trade-Service Company KOMART in Knurów
Municipal Waste Recovery and Storage Facility in Leśno Górne
Budryk Coal Mine in Ornontowice

More: ietu.pl/en/services/

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