

Goal of the project:

Determination of gaseous and solid pollutants exhausted from selected working point.

Short description of the project:

The product of the research activity for the client is the analysis report. The quality of this report is given by the quality of the information it contains. For this reason, the precision of the experimental data is an important requirement. The accuracy of the report is based on this precision. The instruments used for measurements are: TESTA FID 123, STROHLEIN STE4 analyzer and TESTO 350XL analyzer.

Project implemented by:

LaCIEDIIN - Laboratory for Fuel Analyses, Ecological Investigations and Pollutant Dispersion

Implementation period:

April 2012- December 2012

Main activities:

Measurements in situ, results processing, data interpretation and preparation of analysis bulletin/report, quality check.

Fields of interest:

The LaCIEDIIN- Laboratory acts according standard SR EN ISO/CEI 17025:2005 and it is RENAR accredited with certificate no. LI 787 from 22.06.2009.

Results:

- Particulate concentrations;
- CO, NOx and SO₂ concentrations;
- VOC from gaseous effluent, indicated as TOC (from emission), concentrations.

Financed through/by:

S.C. TRW AUTOMOTIVE SAFETY SYSTEMS SRL

Research team:

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Research centre:

Research Centre for Thermal Machines and Equipments, Transportation and Environmental Pollution Control

Applicability and transferability of the results:

On customer request, the data reports are confidential and might be offered only directly.

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