

**Goal of the project:**

Determination of gaseous and solid pollutants from working point.

**Short description of the project:**

The product of the research activity for the customer is given by the analysis report and further 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 and is checked with appropriate standardized and legal advice. The accuracy of the report is based on the precision of the process instruments and data selection, not mentioning the working place organization. The instruments used for measurements are: TESTA FID 123 (emission), and Analyzer LSV3 and mobile laboratory (air quality).

**Project implemented by:**

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

**Implementation period:**

April 2012- December 2012

**Research centre:**

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

**Main activities:**

Organization management, quality control, measurements in situ, results processing, data interpretation and preparation of analysis bulletin/report.

**Results:**

- CO, NO, NO<sub>2</sub>, NO<sub>x</sub>, SO<sub>2</sub>, CH<sub>4</sub>, VOC, TOC, O<sub>3</sub> and PM10 concentrations (air quality).
- VOC from gaseous effluent, indicated as TOC (from emission).

**Fields of interest:**

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

**Financed through/by:**

S.C. TRW AUTOMOTIVE SAFETY SYSTEMS SRL

**Research team:**

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**Applicability and transferability of the results:**

On customer request, the results are confidential.

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