

Goal of the project:

Determination in real time of gaseous and solid pollutants emitted from selected points of the unit.

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, TESTO 350XL analyzer and 3180 GMH manometer analyzer. All are quality controlled by the national standard institutions.

Project implemented by:

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

Implementation period:

May 2012- May 2013

Aplicability and transferability of the results:

On customer request the analysis reports are confidential.

Financed through/by:

S.C. HONEYWELL LIFE SAFETY ROMANIA SRL

Main activities:

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

Results:

- Particles concentrations;
- CO, NO_x and SO₂, CO₂ and O₂ concentrations;
- VOC from gaseous effluent, indicated as TOC (from emission), concentrations.

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 from 22.06.2009.

Research team:

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