

MECS® PeGASyS™

Portable Gas Analysis System

TEST TIMING AND DURATION

The customer should allow at least two months of lead time before the desired testing date to ensure technician availability and avoid scheduling conflicts. For best results, the plant should be operating at design capacity during PeGASyS™ testing. The customer should expect a PeGASyS™ technician to arrive on-site the day before scheduled testing in order to set up and calibrate the equipment. Collecting samples and analyzing data takes at least one full day for each plant tested. The technician will leave the following day, after finishing any necessary final testing. The technician will arrange to ship the PeGASyS™ equipment back to the lab or another testing site. After all data is acquired and the technician has returned to the office, complete analysis of the data is performed. This analysis includes using proprietary design and simulation programs to analyze the current state of the sulfuric acid plant. As a result of the thorough investigation, the customer will receive a report detailing the conclusions and recommendations for the plant.

MECS® PeGASyS™ EXPECTED RESULTS

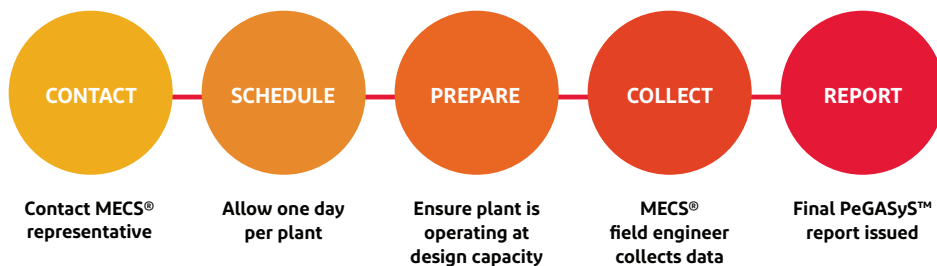
A PeGASyS™ test is an all-encompassing look into the gas side of a sulfuric acid plant. By acquiring data at many different points in the process, PeGASyS™ testing can provide the following conclusions:

- Quantification of heat exchanger leak
- Calibration of plant analyzers & indicators
- Quantification of catalyst effectiveness
- Overall bed conversion efficiency
- Pressure drop through catalyst bed
- Recommended screening of catalyst
- Quality of operating process conditions

REQUEST A MECS® PeGASyS™ TEST

PeGASyS™ technical service is offered throughout the world. Contact your local sales or technical service representative to request a PeGASyS™ test. This test can evaluate and potentially improve the efficiency, quality and emissions performance of your sulfuric acid plant.

Planning for PeGASyS™ Testing



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MECS® Sulfuric Acid & Environmental Technologies