

NEWS RELEASE

MET TO SUPPLY AMMONIUM SULFATE WFGD SYSTEM TO SANDERS LEAD

Lebanon, Pennsylvania, December 5, 2016 | Marsulex Environmental Technologies Corporation (MET) and Sanders Lead Company Incorporated have finalized a contract for the supply of MET's proprietary ammonium sulfate flue gas desulfurization (AS-FGD) system at their Troy, Alabama lead smelter and battery reclamation facility. MET's scope includes engineering and equipment supply of the AS-FGD system, designed to remove SO₂ from the gas stream as well as process an existing waste acid stream, producing a saleable agricultural crop nutrient product.

Construction is targeted to commence in 2017 with commercial operation by the end of 2018. MET operated a successful pilot program at the Sanders facility, demonstrating the operation of the MET ammonium sulfate scrubbing technology under site-specific conditions. The pilot operation confirmed suitability of a full-scale unit at the Sanders facility by meeting three primary objectives shared by Sanders and MET:

- Exhibition of the required SO₂ reduction necessary for Sanders compliance needs, verified by both on-site analysis and a third-party testing outfit contracted by Sanders
- Production of a saleable quality ammonium sulfate product
- Effective conversion an existing waste acid stream into ammonium sulfate.

MET President and CEO, Dr. Robert Cardell, stated, "We are very pleased to have been selected by Sanders Lead to implement our technical solutions for their facility in Troy. Throughout most of 2016 our two teams have been working in close harmony to provide a cost effective approach to handling the environmental requirements. It is exciting to see the hard work, commitment, and innovation of both Companies result in this important award."

MET's AS-FGD technology utilizes ammonia in the capture and ultimate conversion of SO₂ into a high-value fertilizer enabling regulatory compliance. AS-FGD has many advantages over conventional limestone FGD applications. Some advantages include the reduction and elimination of solid and liquid waste disposal requirements and the associated costs, prevention of internal scale build up in equipment and vessels, a high value by-product revenue stream, and no CO₂ greenhouse gas is produced as a result of the process.

MET's proprietary AS-FGD technology has been in continuous commercial operation since the 1990's, beginning with the first installation at Dakota Gasification Company's Beulah, ND complex. This established and proven technology is now in operation at multiple facilities throughout North America, Europe, and Asia.

MET is a full service air quality control company providing systems and services including OEM and upgrades to electric utilities, petrochemical and industrial customers. MET solutions include wet, dry and semi-dry FGD systems, dry sorbent injection for SO₃ control, mercury control, fabric filter and electrostatic



precipitator technologies. MET's proprietary AS-FGD is a wet technology that produces high value ammonium sulfate fertilizer by-product. MET's dry technology offers a highly efficient, multi-pollutant approach to capture SO_x, acid gas and metals. MET's FGD and particulate technologies combined has been installed on over 189 gigawatts of electric generation in 22 countries across the globe. For further information, visit www.met.net.

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