



## PRESS RELEASE

### MET R&D Team Continue Advancement of Original Ammonia Scrubbing Technology

Lebanon, Pennsylvania, September 11, 2018 | Marsulex Environmental Technologies Corporation (MET) unceasingly aims to develop high-performance, cost-effective technology innovations that continue to meet stringent environmental regulations. Part of MET's commitment to advancing its emissions control technologies and processes, is to provide proven solutions for the compliance, waste, and cost concerns of industrial and utility plants.

MET's Research and Development (R&D) group has made recent developments in the fine particulate control capabilities of the company's proprietary ammonium sulfate flue gas desulfurization (AS FGD) technology. Through a number of successful field and laboratory tests, MET has developed lower cost alternatives to conventional technologies and processes such as the use of wet electrostatic precipitators for the removal of fine particulate.

Furthermore, several of these field pilot tests have successfully demonstrated the application of the proprietary AS FGD in support of the industrial market and addressing the compliance and cost concerns related to that segment. The application of MET's AS FGD can measurably reduce current waste streams and generate a valuable and saleable ammonium sulfate fertilizer by-product. Full-scale demonstration of the fine PM control advancements will supplement a new MET AS FGD system currently under construction, slated for commercial operation in 2019.

Through continuous R&D efforts and advancements, MET upholds its position as the leader of ammonia-based flue gas desulfurization.

"The identification and development of these technological advancements do not happen by luck or by accident. It is the result of our people here, at MET, and the endless collaboration and hard work we have dedicated to together that have brought these successful pilot tests and results to fruition," said Barry Stolzman, President of MET. "Our continuous efforts further exemplifies our readiness, flexibility, and drive to offer innovative solutions to new markets."

MET's AS-FGD technology utilizes ammonia in the capture and ultimate conversion of SO<sub>2</sub> into a high-value fertilizer. The AS FGD technology provides significant advantages and solutions to industrial and utility facilities in need of addressing emissions reductions by creating a by-product that offsets the capital and operation costs associated with environmental compliance.

MET, over 25 years ago, pioneered the ammonium sulfate generating scrubber technology. MET's AS FGD technology has been in continuous commercial operation since the 1990's, beginning with the first installation at Dakota Gasification Company's Beulah, North Dakota 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 SO<sub>3</sub> 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<sub>x</sub>, 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. Visit [www.met.net](http://www.met.net).

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