

Air Products to Expand NF3 Capacity at Ulsan, Korea Facility

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New Capacity Expected Onstream in 2012

Air Products (NYSE:APD) today announced it is more than doubling its nitrogen trifluoride (NF3) capacity at its production facility in Ulsan, Korea. The new capacity is expected to be onstream in the second half of 2012.

NF3 remains the chamber cleaning gas of choice for semiconductor, thin-film transistor liquid crystal display (TFT-LCD), and thin-film photovoltaic manufacturers. Air Products pioneered the use of NF3 as a chamber cleaning gas and has been safely manufacturing and distributing the product for more than 30 years.

“With the market for NF3 tight and the major OEMs committed to NF3 for their next generation processes, we felt the time was right to maximize our existing infrastructure and make this cost effective expansion,” said Wayne Mitchell, vice president and general manager of Electronics for Air Products. “We remain committed to the chamber cleaning business and plan on growing with our strategic customers and developing the products they need to produce the latest devices in consumer electronics.”

Besides Ulsan, Air Products operates three independent NF3 plants at its Electronic Specialty Materials manufacturing facility in Hometown, Pa. The independent NF3 facilities in the U.S. and Korea offer Air Products’ customers significant security of supply.

With the capability to supply NF3 or on-site fluorine, Air Products’ portfolio of chamber cleaning solutions is unique in the industry. The company’s products, chamber cleaning process experience, and history of fluorine production and handling provide semiconductor, PV or LCD manufacturers a variety of solutions for their applications.

For more information, please visit www.airproducts.com/semiconductors.

Air Products (NYSE:APD) serves customers in industrial, energy, technology and healthcare markets worldwide with a unique portfolio of atmospheric gases, process and specialty gases, performance materials, and equipment and services. Founded in 1940, Air Products has built leading positions in key growth markets such as semiconductor materials, refinery hydrogen, home healthcare services, natural gas liquefaction, and advanced coatings and adhesives. The company is recognized for its innovative culture, operational excellence and commitment to safety and the environment. In fiscal 2010, Air Products had revenues of \$9 billion, operations in over 40 countries, and 18,300 employees around the globe. For more information, visit www.airproducts.com.

NOTE: This release may contain forward-looking statements within the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on management’s reasonable expectations and assumptions as of the date of this release regarding important risk factors. Actual performance and financial results may differ materially from projections and estimates expressed in the forward-looking statements because of many factors not anticipated by management, including risk factors described in the Company’s Form 10K for its fiscal year ended September 30, 2010.