

**URS and Mobotec join forces to bring proven NO<sub>x</sub> control and combustion optimization technology to the US coal-fired power industry.**

Naperville, Illinois – July 1, 2014 – Mobotec is delighted to announce that they are collaborating with URS Corporation to jointly **deliver Mobotec’s** patented ROFA® (Rotating Opposed Fire Air) and Rotamix® (3<sup>rd</sup> Generation SNCR) technologies across the U.S. power sector to deliver regulatory compliance with Regional Haze and CSAPR requirements.

Both companies believe that the combination of these NO<sub>x</sub> reduction technologies will play an important role in the future of the U.S. coal-fired power generation fleet and, when combined with **URS’** strength in this market and other retrofit technologies, can jointly deliver cost-effective high performance solutions.

Founded in 1991, Mobotec has been supporting a wide range of clients to meet regulatory requirements and improve combustion performance. While Mobotec has a number of patented technologies that deliver significant reductions in NO<sub>x</sub>, SO<sub>2</sub>, SO<sub>3</sub>, CO, and HCl, by working closely with our clients, we build a cost-effective solution by maximizing the performance of the existing equipment on site and then adding on specific technologies to ensure the target is reached.

**Mobotec’s** ROFA® technology is a combustion optimization solution that offers the advantages of decreased NO<sub>x</sub> formation, increased thermal efficiency, fuel flexibility, and in many cases, reduced operating costs over many conventional emissions control technologies. The ROFA® technology can accommodate broad fuel variations and has proven to reduce NO<sub>x</sub> by 45-65% without chemical addition while also reducing SO<sub>3</sub>, CO, loss on ignition (LOI), and excess O<sub>2</sub>.

Through advanced feedback-control algorithms and on-site tuning, the Rotamix® advanced SNCR system adapts to load and temperature changes in the furnace and can preferentially introduce chemicals where the temperature is most favorable for NO<sub>x</sub> reduction. This technique increases the efficiency of reactivity, decreasing recurring chemical usage by up to 50% compared to other SNCR systems.

John Callcott, Managing Director Mobotec, **commented** “The collaboration with URS provides Mobotec with a strong partner to expand our proven technologies and solutions throughout the U.S. power sector, which is facing a period of substantial change. **Combining URS’** market strength and unrivalled commitment to excellence, together with our cost-effective and high performance technologies, the partnership provides clients with a strong proposition for **meeting their legislative requirements”**.

Outside of this agreement, Mobotec will continue to support the needs of the Industrial and Manufacturing sectors across the US. Mobotec has specific Industrial boiler applications for ROFA® and ROTAMIX®, ensuring high performance solutions that are tailored to meet Boiler MACT and CISWI compliance. In addition, Mobotec will be launching its new patented technology for sorbent injection later this year. SORBMIX® utilizes the mixing technique synonymous with Mobotec solutions to support clients reduce sorbent injection rates while meeting SO<sub>2</sub>, SO<sub>3</sub> and HCl compliance needs.



Notes:

For more information, please contact Nick Evans at [NickEvans@MobotecGroup.com](mailto:NickEvans@MobotecGroup.com) or 630-770-8074.

### **About URS Corporation**

URS Corporation is a leading provider of engineering, construction and technical services for public agencies and private sector companies around the world. The Company offers a full range of program management; planning, design and engineering; systems engineering and technical assistance; construction and construction management; operations and maintenance; information technology; and decommissioning and closure services. URS provides services for power, infrastructure, industrial, oil and gas, and federal projects and programs. Headquartered in San Francisco, URS has more than 50,000 employees in a network of offices in nearly 50 countries ([www.urs.com](http://www.urs.com)). To learn more about URS' process technology services, please go to ([www.urs-processtechnologies.com](http://www.urs-processtechnologies.com)).

### **About Mobotec**

Acquired in 2013, Mobotec is a cornerstone of The Power Industrial Group, a UK-based independent mechanical engineering business. Mobotec is a global leader in providing a range of emissions reduction services to meet combustion optimization challenges faced by a wide range of energy intensive industries. With over 20 years of experience in developing and delivering a suite of integrated technologies using our patented ROFA® and Rotamix® at the heart of our offering, we are able to guarantee flexible and cost effective environmental compliance which is experienced in delivering across a wide range of industries, boilers, fuels and geographies. ([www.mobotecgroup.com](http://www.mobotecgroup.com)).