

## Press Release

### New Solution for High-Velocity Gas Pipelines

# ROSEN GROUP PROVIDES NEW CLEANING ECOSPEED SERVICE

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*Stans, Switzerland, April 2017 – The ROSEN Group has introduced its new Cleaning EcoSpeed service for high-velocity gas pipelines.*

Ideal cleaning performance is achieved when cleaning tools travel at lower speed, i.e. below 5 m/s. Running cleaning tools at higher velocity can lead to inferior performance of the tools due to high abrasion on discs and cups, which in turn leads to substandard cleaning. However, lowering the production speed of any asset also significantly impacts operations and financial performance.

In order to avoid any loss of performance and to ensure optimal cleaning efficiency, the ROSEN Group has developed the ROSEN Cleaning EcoSpeed service. As part of this new service, ROSEN equips cleaning tools with a unique speed reduction valve that enables them to slow down to speeds typically between 3 and 5 m/s without necessitating a corresponding reduction in product throughput. Following deployment and retrieval of the tools, ROSEN's field service technicians analyze run performance and cleaning efficiency, optimize tool set-up where necessary for subsequent runs, and refurbish and maintain the tools for future use.

The mechanical valve achieves smooth run conditions, thanks to an active valve system that allows product bypass through the tool body. As the high-velocity gas passes, the forces acting on the rear of the tool are reduced significantly, so that the tool is propelled forward not at the velocity of the gas, but rather significantly slower, allowing for more effective and controlled cleaning.

Available for various diameters, the valve can also be utilized in dual and multi-diameter configurations. Tools are equipped with a release mechanism for safe launching operations regardless of the pipeline condition.

The ROSEN Cleaning EcoSpeed service assures cost-saving potential for pipeline operators during the cleaning process. Operators are able to maintain regular – or efficient – gas flow while ensuring optimal cleaning. This ultimately leads to heightened performance. ROSEN cleaning tools equipped with the speed reduction valve technology can provide flow assurance management without impacting production.

#### **About the ROSEN Group**

The ROSEN Group is a globally leading provider of cutting-edge solutions in all areas of the integrity process chain. Since its origins as a one-man business in 1981, ROSEN has rapidly grown and continues to do so. Today the business is still privately owned and employs a team of more than 2,800 workers, operating in more than 120 countries.

The four key ROSEN areas of expertise include:

- Inspection of critical industrial assets to ensure reliable operations of the highest standards and effectiveness
- Customized engineering consultancy providing efficient asset integrity management
- Production and supply of customized novel systems and products
- Market-driven, topical, state-of-the-art research and development providing “added value” products and services

For more information please visit our website at: [www.rosen-group.com](http://www.rosen-group.com).

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