

Geneva, the 24th February 2010

## New SGS NDT Service for the Storage Tank Industry: Remote Ultrasonic Testing

SGS Industrial Services has introduced Remote Ultrasonic Testing as a new service, offering inspection for corrosion on difficult to access tank walls and roofs. This innovative ultrasonic inspection method provides detailed and reliable data on tank wall thickness without the need to use costly scaffolding or cranes.

Storage tank walls and roofs have to be inspected regularly for corrosion. General corrosion, corrosion around liquid levels or welds and other mechanisms can attack the integrity of a tank. However, the inspection work can be difficult and expensive due to the enormous surface area, difficult access and obstacles.

SGS Industrial Services provides an innovative and effective inspection solution for difficult to access tank walls and roofs, called Remote Ultrasonic Inspection. With the help of a motorized tank wall scanner with magnetic wheels, carbon steel tanks can be tested for corrosion and weld defects. This method enables remote Line Scans, remote Spot Measurements, remote Time of Flight Diffraction (TOFD) Inspection and remote Visual Inspection with a steerable camera.

SGS Remote Ultrasonic Inspection has advantages over other inspection methods, as it does not require expensive scaffolding or cranes and can be implemented on tank walls, even those with obstacles, such as wind girders and overlapping plates. Furthermore, this ultrasonic inspection technique provides detailed and reliable data on real tank wall thickness with echo-to-echo measurements as required for any tank integrity assessment.

### About SGS Inspection Services

SGS is the world's leading inspection, verification, testing and certification company with extensive knowledge and multidisciplinary expertise in Non-Destructive Testing (NDT). Apart from conventional Non-Destructive Testing techniques, SGS offers a wide range of advanced NDT methods to provide quality assurance and process safety.

SGS Industrial Services has the necessary experience, accreditations and equipment to carry out expert controls, inspections and measurements for the owners of storage tanks in accordance with EN 14015, API 650 or 653 and EEMUA 159. As a competent and recognized body, SGS performs independent assessment, testing and verification to ensure

For further information, please contact: Jessica Krause, Global Marketing Manager – SGS Industrial Services,  
SGS SA, 1place des Alpes, P.O. Box 2152, CH - 1211 Geneva 1

Tel : +49 40 30101-266 Fax :+49 40 30101-936 E-mail: industrial.pr@sgs.com Web site: [www.sgs.com/industrial](http://www.sgs.com/industrial)

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the safe condition of storage tanks.

For further information, please contact:

Jos de Visser

Dep. Special Examinations NDT

Product Manager

SGS – The Netherlands B.V

Malledijk 18

3208 LA Spijkenisse

t: +31 18 169 3667

f: +31 18 169 3586

[industrial.pr@sgs.com](mailto:industrial.pr@sgs.com)

Web: [www.sgs.com/ndt](http://www.sgs.com/ndt)

The SGS Group is the global leader and innovator in inspection, verification, testing and certification services. Founded in 1878, SGS is recognized as the global benchmark in quality and integrity. With more than 59,000 employees, SGS operates a network of over 1,000 offices and laboratories around the world.

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Tel : +49 40 30101-266 Fax :+49 40 30101-936 E-mail: [industrial.pr@sgs.com](mailto:industrial.pr@sgs.com) Web site: [www.sgs.com/industrial](http://www.sgs.com/industrial)

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