

**PRESS RELEASE – FOR IMMEDIATE RELEASE**

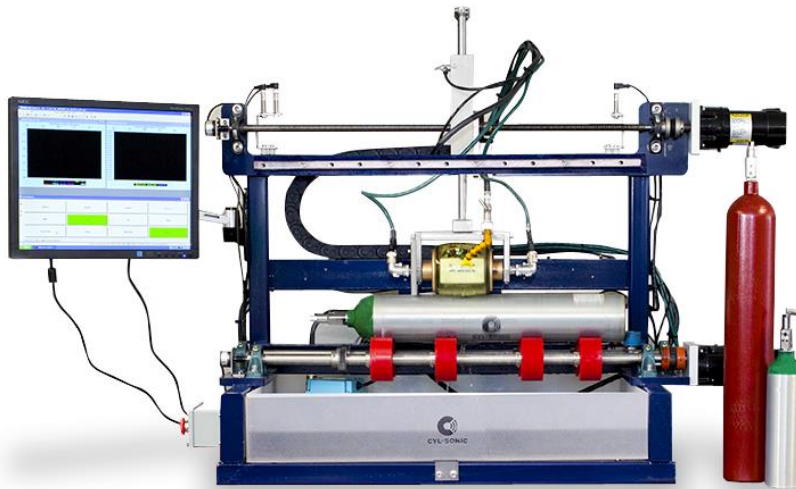


June 3, 2014

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**NORDCO ANNOUNCES OVERSIGHT AND TRAINING SERVICES FOR  
ULTRASONIC EXAMINATION (UE) TESTING**



**Oak Creek, WI – June 3, 2014** – Nordco's Cyl-Sonic division announced today that it now offers a complete range of oversight, training, technical support, maintenance, and calibration standard services for ultrasonic examination.

**Oversight**

Cyl-Sonic has been approved by the US Department of Transportation, through a special permit, to perform 100% ultrasonic examination testing in lieu of hydrostatic testing. This special permit – DOT SP-

14920 – defines the requirements for ultrasonic testing procedures, including calibration standards, operating test procedures, rotational speeds, and pulse rates. As part of the special permit, Nordco's Senior Review Technologist (SRT) performs oversight, including surveillance of operators and processes, assessing regulatory requirement compliance, confirming system performance, and documenting and recording audit results.

According to John O'Neil, General Manager of Cyl-Sonic, "we are committed to providing the most thorough and rigorous oversight procedures in the industry. Our proprietary Niche software allows us to monitor systems continuously as well as create production and shift reports, DOT annual reports, and failure summaries."

## **Training**

Cyl-Sonic offers multiple levels of training, including Level I, II, Advanced, and Maintenance. The Level I and II training classes are in accordance with the American Society of Non-Destructive Testing (ASNT) Recommended Practice ASNT-TC-1A. The level I and II training include 40 hours of classroom training as well as the examinations for certification. The advanced training includes system diagnostics, system electronics, and troubleshooting.

## **Technical Support and Maintenance**

In addition to telephone support, Cyl-Sonic support staff can remotely connect to UE systems to diagnose software and hardware issues. If on-site support is required, a field engineer is dispatched to the facility.

Cyl-Sonic also offers multiple system maintenance options, such as on-site diagnostics and repairs, preventive maintenance, and refurbishment (which replaces failing, corroded or damaged key system parts).

## **Calibration Standards**

The special permit defines the requirements for the reference cylinder, known as the calibration standard; the reference cylinder is used as a standard reference, with similar acoustic properties, surface finish, and metallurgical conditions as the cylinders to be tested.

As part of the special permit requirements to provide appropriate calibration standards for different cylinder types, Cyl-Sonic offers 16 calibration standards (five aluminum and eleven steel), including three exemption standards.

## **ABOUT CYL-SONIC**

The Cyl-Sonic Ultrasonic Examination (UE) systems include a full line of cylinder inspection systems, including Micro, Industrial, and Tonne & Tube (TnT). Cyl-Sonic systems, originally developed by Dapco,

that are used to test and requalify cylinders, employing high-frequency sound waves to determine wall thickness and identify flaws. Unlike hydrostatic testing, UE eliminates the need to introduce water into the cylinder, thereby maintaining a pristine interior environment. Cyl-Sonic systems save time as well as labor costs, since there is no need to remove valves, dry the cylinders, and then re-valve, resulting in higher daily production levels and lower per-cylinder test costs.

## **ABOUT NORDCO**

The Nordco family of companies provides an extensive selection of products and services that make it possible for rail-related industries to build, improve, maintain and inspect their track infrastructure and move rolling stock. Nordco, headquartered in Oak Creek, Wisconsin, has a long history as a manufacturer of new and rebuilt railroad Maintenance-of-Way Machinery. Today the company's product line includes in-house and on-site machinery inspection and repair; reconditioned machinery rental; mobile railcar movers; ultrasonic rail flaw testing equipment and services for railroads and other industries; and replacement parts.

Nordco operates manufacturing facilities in Oak Creek, Wisconsin; Beacon Falls, Connecticut; Grandview, Missouri; and Arcola, Illinois.

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