



Contact:

Samantha Colla

scolla@jacobsonrost.com

(312) 274-3353

Neenah Enterprises, Inc., Makes \$750,000 Investment in Neenah Foundry Plant with Addition of Industrial Radioscopic System

NEENAH, WIS. (July 16, 2015) – As part of its long-range commitment to boost quality through lean manufacturing processes, Neenah Enterprises, Inc., (NEI) recently added a new Industrial Radioscopic System at the Neenah Foundry Plant Two in Neenah, Wis., a \$750,000 investment in equipment and training. NEI made the equipment purchase to enhance productivity and improve quality inspections during its internal casting process, a move that will make inspections faster, easier and more cost effective. Neenah Foundry produces gray and ductile iron castings for its industrial and municipal customers operating five mold lines with a capacity of 185,000 tons.

Produced by Italian manufacturer Bosello High Technology, a global leader in the field of non-destructive testing (NDT), the high-performance system uses digital radiography (DR) instead of film to verify the configuration, integrity and quality of internal components in the casting process. The DR system uses high-resolution, ionizing electromagnetic radiation imaging in two dimensions, which optimizes the image so that inspectors are able to view areas throughout the analysis process that otherwise would not be visible. This assures metal integrity and checks for defects, such as shrink, internal cracks, core misplacement and other solidification problems. For example, porosity-type defects, such as voids or holes that may form during the solidification process, can be detected early and in some cases the part can be salvaged versus becoming scrap after a failed quality assurance inspection.

In addition, bringing its NDT testing in-house will translate into visual inspections by highly trained quality inspectors offering a higher degree of confidence in diagnostics. NEI has invested in more than 450 hours of training in radioscopic inspection techniques, process controls and record keeping for its on-site NDT inspection program.

According to research firm Frost & Sullivan, smart factory investments, such as real-time quality monitoring, are among the global mega trends transforming the manufacturing environment at plants like Neenah's and elsewhere.

About Neenah Enterprises, Inc.

Drawing on more than 140 years of manufacturing experience, Neenah Enterprises, Inc., (NEI), headquartered in Neenah, Wis., is a leader in producing durable castings for industrial sectors across the globe and is a key component provider for many of the world's top manufacturing companies. NEI specializes in gray and ductile iron castings and forged steel products serving customers through its seven North American facilities. Auxiliary services include machining, painting and heat treatment. With thousands of employees working in a range of diverse fields, NEI's Industrial division is a trusted design and engineering partner to the world's leading manufacturing companies. For more information visit www.nfco.com.

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