

USM Vision

A Total Ultrasonic Weld Inspection Solution that
Increases Productivity and Improves Personnel Safety



The USM Vision from GE's Inspection Technologies business provides fast and reliable code-compliant weld inspections without the constraints of radiography.



GE imagination at work

Benefits for Asset Owners

USM Vision brings significant benefits for asset owners, especially in terms of increased productivity and improved health and safety conditions in new pipe fabrication.

Productivity is increased as USM Vision is an ultrasonic weld inspection solution which, unlike radiography, does not require time-consuming set-up or film development. Inspection results are displayed rapidly for remote expert assessment and sentencing. In addition, as there are no associated radiation hazards, there is no need to shut down welding operations while inspection is being carried out.

Health and Safety conditions are improved by the removal of any radiation hazard and the elimination of chemicals and waste materials.

Project efficiency is increased in the onsite welding manufacturing processes as inspection is done on the spot, with no need to move parts to be inspected to dedicated areas and the flexibility to inspect at times to suit workforce availability.

Reliable, Code-Compliant Inspection Data

All accurate and reliable inspection data is compliant with accepted international codes and standards including but not limited to:

ASME V	EN ISO 17640	DICONDE
B31.3	EN ISO 10863	
API 1104	Pr EN ISO 13588	
ASTM E 2373		
B31 Case 181		
Code Case 2235		

Regional Contact Information

North America

50 Industrial Park Road
Lewistown, PA 17044
USA

+1866 243 2638 (toll free)
+1 717 242 0327

Europe

Robert-Bosch-Strasse 3
50354 Huerth
Germany

+49 2233 6010

Asia

5F, Building 1, No.1 Huatuo Road,
Zhangjiang High-Tech Park,
Shanghai 201203
China

+86 (0)21-3877 7888



Inspection Data which can be Archived and Shared

The inspection data generated by USM Vision is acquired, reviewed, shared and archived by the Rhythm software platform.

This greatly simplifies data management and traceability of the weld inspection documentation. The DICONDE standard guarantees the security of your electronic records, while the electronic data sharing increases the project turnaround time.

Worldwide Presence

USM Vision enjoys the support of GE's global network, which means that help is always close at hand to provide advice and service for your weld inspection operations.



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