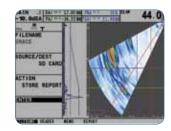
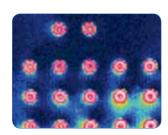
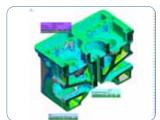
# Inspection Technologies

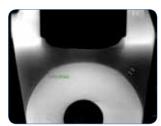






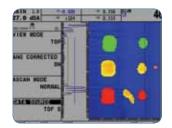




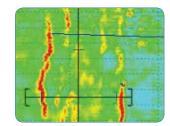














Many modalities. More confidence. Better decisions.



### **Measurement & Control**

### Many modalities. More confidence. Better decisions.

GE's Inspection Technologies business (part of GE Measurement & Control) partners with you to meet your non-destructive testing needs. We provide a full suite of non-destructive testing (NDT) solutions, including radiography, computed tomography, remote visual inspection, ultrasound, Electromagnetic, hardness testing and metrology. Combined with our Rhythm® software platform, GE is your ultimate provider of productivity solutions, supplying accurate and reliable inspection data that can be shared seamlessly with your colleagues and customers around the world.

Rapid advancements in digitization, software development, and imaging capabilities continue to provide improvements within the fields of non-destructive testing and inspection. Often derived from the medical community, both 2D and 3D imaging can solve or trend complex issues in the areas of component life extension, fitness for service, design optimization, quality control or root-cause failure analysis. High-resolution imaging has become practical, cost-effective and can save critical time when properly applied to real-world applications.

GE's Inspection Technologies is a world leader in providing advanced non-destructive imaging using the electromagnetic, gamma- and X-ray, ultrasonic and visible energy spectrum. We have enormous depth and breadth of know-how that can be applied to your needs.

Our applications cover a wide range of industries:

- aerospace
- metals & castings
- oil & gas
- power generation
- transportation

Read on to learn more about GE's solutions in these industries and how we can help meet your most challenging inspection needs.

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### www.geinspectiontechnologies.com

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### On our cover

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- Remote visual image of auger dryer system

- Remote visual image of augs.
   Phased array weld image
   3D pore analysis in a cast aluminum part 4. Electromagnetic image of aircraft fuselage
- 5. 3D pore analysis, metrology and reverse engineering in an aluminum casting
- 2D X-ray image of steering column
- X-ray image of engine carburetor
- Remote visual image of damaged turbine blade
- Phased array TopView image of flaws in a pipe
- 10. Remote visual image of wind turbine gearbox
- 11. Electromagnetic array image of stress corrosion cracking on pipe
- 12. NanoCT® image of CSP solder joints



# Advanced non-destructive imaging

GE's Inspection Technologies is dedicated to providing high-quality products and services for the oil & gas, power, aerospace and transportation industries. Our inspection solutions, including advanced imaging capabilities and powerful software tools, offer high-quality, data-rich images so customers can make faster and better informed decisions to protect asset health, help ensure safety, quality and boost productivity.

#### **High-quality inspection results**

Used in hundreds of applications across the oil & gas industry, our non-destructive testing products deliver high quality inspection results. Whether you're inspecting boilers, condensers, gas turbines or pipelines, our products can help protect your assets against corrosion, leakage and extend the life of your plant. Even in the harshest environments, our leading-edge inspection solutions boost productivity and improve safety for our customers, based on our ability to understand your needs and commercialize advanced inspection technologies.

### Improving efficiency

The power industry is continually challenged to improve efficiency, runtime and output. We help you meet those challenges by providing solutions for key power generation applications in fossil, nuclear and renewable energy markets. Applications range from Balance of Plant (BOP) components, steam generators, turbine and electrical generators to pipes and vessels and reactor internals. Our reliable, advanced technology-based inspection solutions and support services enable power generation customers to maximize efficiency, minimize downtime, enhance productivity and help ensure safety with unyielding integrity.

#### Meeting or exceeding needs

In keeping pace with new composite materials and changing maintenance requirements of the aerospace industry, we are developing products and new techniques that enable more reliable and efficient inspections. Whether your business is aircraft engine parts production, composite airframe manufacturing or full aircraft maintenance, we have the knowledge and experience to help prolong asset life without sacrificing productivity.

#### Adding value

We offer a wide range of inspection solutions in every step of the value chain from semi-finished products (rods, bars, billets) up to the final assembling of vehicles and trains. We provide the transportation industry with world-class inspection solutions that help build vehicles more efficiently, reducing scrap and process costs.

#### Better tools for enhanced decision making

Our Rhythm<sup>®</sup> data management software is a unique software platform that sets our inspection solutions apart from the rest. Once data is captured, it can be analyzed and reviewed, assisting in better and faster decisions in the field and in the office. Rhythm generates reports automatically and stores data with notations for future historical comparison. Rhythm enables secure, quick and easy storage and retrieval of inspection images and data. This user-friendly software stores data in one central location that can be accessed securely by remote users when necessary. Rhythm is used in many inspection applications across all our key segments.

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# Inspection products that deliver

GE's Inspection Technologies offers the most comprehensive selection of testing & inspection capabilities and other products for many industry applications. Our strength lies in the use of field experience and customer feedback to build the most productive NDT products in the market

#### Electromagnetic

We offer a complete range of instruments, testing machines and probes for industrial applications requiring surface and sub-surface crack detection and metal sorting. Our non-destructive Electromagnetic testing equipment and solutions meet the critical requirements of your application and deliver productivity and quality.

(See more details on page 13)

#### Radiography

We offer a comprehensive range of industrial radiographic equipment and techniques from film to digital, analytical to metrology and X-ray generators to integrated test machines, including 3D computed tomography. We will work with you to identify the most appropriate solution to ensure optimum technique performance, speed and economy for your application.

(See more details on page 14 & 15)

#### **Ultrasonics**

We offer ultrasonic testing equipment, testing machines, instrumentation, transducers, and software for industrial applications requiring internal defect detection and sizing. Our non-destructive ultrasonic testing solutions will meet the critical requirements of your application and deliver productivity and quality.

(See more details on page 16 & 17)

#### **Remote Visual**

We offer a comprehensive selection of remote viewing equipment, from basic borescopes and fiberscopes to measurement capable digital video borescopes, pan-tilt-zoom camera systems and robotic crawler systems. We have the right visual inspection equipment for your needs for any industry. Our systems are portable and ruggedly built to survive the rigors of industrial environments.

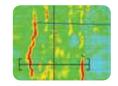
(See more details on page 18)

#### **Software Solutions**

We offer advanced and user-friendly software that improves productivity by enabling you to make smarter and quicker decisions in the field and in the office. We offer software for all NDT applications and testing methods, including software for data input, analysis, image review, reporting, data management, remote collaboration and storage. Browse our software offerings to learn more.

(See more details on page 19)





# Electromagnetic (EM) Testing Solutions

Electromagnetic is a fast, accurate, cost-effective electro-magnetic NDT method for detection of surface or near surface flaws and for heat treatment verification. It is used for the inspection of raw materials, quality control of finished products and for maintenance inspections.

#### Apollo™ Electromagnetic (EM) System

Apollo is a multi-channel/multi-frequency Electromagnetic instrument for inspection of heat exchanger tubing. It supports industry standard Electromagnetic (ET) and remote field (RFT) tubing probes as well as surface scanning arrays for wide area inspection.



Apollo Electromagnetic inspection system includes data acquisition and analysis software tools for rapid instrument setup and result interpretation

#### **Conductivity measurement**

Accurate and repeatable checking of non-ferrous metals for identity, grade and material conditions. We offer portable, lightweight and rugged instruments with digital displays.



AutoSigma 3000 electrical conductivity meter

#### **Portable instruments**

A range of portable and rugged instruments provides high and low frequency inspections for defect detection, conductivity and coating thickness measurement, including dual frequency inspection and dynamic rotating drive capabilities.



Aircraft inspection with the Phasec 3 series flaw detectors

#### **Eddy Current Array**

Our eddy current array flaw detectors are designed for high frequency surface inspection to low frequency sub-surface inspection. Portable and lightweight, our detectors offer full phase functionality, including conductivity measurement, with easy to read output for better signal interpretation.



Eddy current surface and subsurface inspection for flaw detection in metals

#### **Probes**

We supply a wide range of standard Electromagnetic probes and coils for our Electromagnetic instruments. We also offer ID tubing probes for heat exchanger inspection in refineries, petro-chemical plants and power utilities.



ID probes for balance-of-plant, ferritic and non-ferritic heat exchanger tubing inspection

#### **Aircraft Wheel Inspection**

Our Wheelscan system ensures scanning coverage, improves inspection accuracy and repeatability and provides full documentation of setup parameters and test results.



Aircraft wheel inspection with WheelScan 5

# Radiographic Testing (RT) Solutions

Radiography is widely regarded as one of the most reliable and proven non-destructive testing methods. It offers unique benefits, such as revealing changes in thickness, internal and external defects, interior assembly details and more. We offer conventional film radiography, digital technologies, portable and stationary X-ray sources, integrated inline systems, 3D computed tomography, metrology solutions and analytical X-ray diffraction systems.

#### Film radiography

Traditional X-ray methods require the use of film. GE offers one of the most comprehensive ranges of radiographic films, processing equipment and chemicals, perfectly matched to ensure optimum performance.

We are the exclusive supplier of the world-renowned Structurix, Industrial radiographic film from Agfa. No object is too large or too small—as film can be tailored to meet specific needs.



Oil & gas weld inspection using film

We are committed to continuously investing in R&D to deliver solutions to satisfy our customer's needs. The introduction of Structurix ECO Film System meets the demand to lessen cost and environmental impact by lowering chemical consumption, increasing film throughput and reducing energy usage.

Our film systems are compliant with industrial film system classification standards, such as BAM. All of our products are backed by our extensive worldwide distribution and service network, ensuring fast delivery and comprehensive technical support.

#### Industrial X-ray tubes and generators

160-300kV portables and 160-450kV stationary equipment with directional or panoramic tubes and different combinations of focal spot sizes provide the appropriate X-ray source to meet your specific requirements. In addition, we offer a complete line of micro- and nano-focus X-ray generators and tubes.



Inspection of ship assemblies using industrial X-ray

#### **Digital Radiography**

As technology continues to advance, digital radiography solutions replace many traditional film applications offering distinct advantages, such as fewer consumables, shorter exposure and processing times, as well as being more environmentally friendly. We offer a broad portfolio, including film digitizers, computed radiography scanners, automated digital detection solutions, 3D computed tomography systems and more.



2D radiography image of turbine blade

#### **Computed Radiography (CR)**

Our wide range of CR scanners, imaging plates and software solutions provide an overall imaging solution to our customers

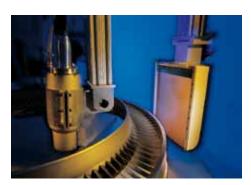
In addition, we offer proprietary highperforming CR imaging plates for a wide range of NDT applications.



CRXFlex computed radiography scanner

#### **Digital Detector Arrays**

GE ultilizes a variety of digital detector arrays to ensure optimal image quality and throughput for each application. We have the unique advantage of designing and manufacturing detectors internally, allowing us to influence every stage of the process to provide a solution tailored specifically for industrial applications.



Detector array installed in a testing machine



#### **Integrated Systems**

GE offers complete turnkey X-ray inspection systems based on 2D X-ray and 3D computed tomography for inline applications in the manufacturing process, as well as laboratory-installed systems. These testing machines are designed to provide fast inspection times for maximum throughput.

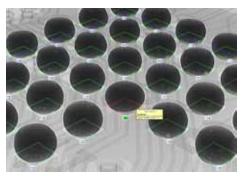
Many applications can optimize productivity by adding automation through robotics or other material handling devices. Software tools, such as automatic or assisted defect recognition, can be added to minimize errors and maximize productivity.



X-cube  $^{\textcircled{R}}$  is a highly versatile 160/225 KV inspection system.

#### **Electronics**

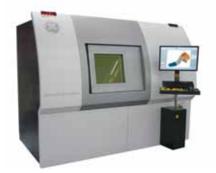
The reliability of electronic assemblies strongly depends on solder joint quality. Even if they are not directly visible they can easily be automatically inspected by advanced micro-focus and nano-focus X-ray systems. Detail detectabilities in the submicron range ensure detecting hidden defects in electronic packages.



2D X-ray inspection: open BGA joint

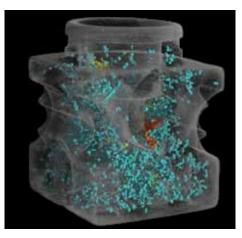
#### **3D Computed Tomography**

2D X-ray inspection and 3D computed tomography complement each other, and when combined, are a very useful inspection tool for a wide range of industrial auality assurance inspection tasks.



Phoenix v $\mid$ tome $\mid$ x L 450 3D computed tomography inspection system

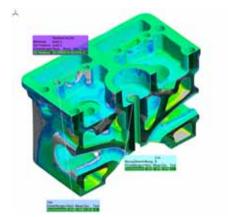
Traditionally, X-ray testing reveals defects in castings, including gas holes, shrinkages, foreign materials and discontinuities without destroying the object. Computed tomography provides another important advantage—it shows the exact location of the defect inside the sample. The 3D data allows quantitative defect analysis of the sample. This provides information on size, volume and density of inclusions and cavities. CT images are also richer in contrast; therefore, revealing even smaller defects.



Automatic pore analysis of a casting

#### Metrology

High precision 3D metrology with computed tomography offers considerable advantages over conventional coordinate measuring machines, especially when measuring complex parts with hidden or difficult-to-access surfaces, such as high density of measurement points and fast capturing of the complete internal geometry of the object.



3D metrology with CT: CAD-variance analysis

#### **Analytical X-ray**

GE offers X-ray diffraction (XRD) equipment used to reveal material characterization information in a variety of lab and production applications, including residual stress analysis and determination of the orientation of single-crystal materials.



XRD stress analyser with Meteor1D detector

# Ultrasonic Testing (UT) Solutions

Ultrasonic testing is a versatile non-destructive evaluation method using high frequency sound beams to help detect internal discontinuities in a wide range of materials, including metals, plastics and composites. It is widely used for testing welds, forgings, bars/billets, tubing and tanks for corrosion.

#### Flaw detection

Flaw detection is a fast and accurate inspection method to evaluate internal product integrity. Ultrasound penetrates deeply into materials searching for defects, cracks, delamination, lack of bonding and other discontinuities. A full range of portable flaw detectors is available, including an upgradeable solution combining conventional flaw detection with phased array.



USM Go/DMS Go portable ultrasonic flaw detector and thickness gage in one



USM Vision is a total weld inspection solution for pipework fabrication

#### **Hardness testing**

An extensive range of portable instruments provide on-site hardness testing, in different scales, with applications ranging from thin coatings to large and heavy cast components.



DynaPocket hardness tester

#### Transducers and solutions

GE offers more than 4,000 standard transducers, including contact, immersion, angle beam and single/multi-element probes for virtually all flaw and thickness inspection applications.

Standard and phased array probes are available for North American and European specifications.



Ultrasonic transducers

#### Thickness gaging

These useful and productive tools are designed to help improve safety and ensure reliability of equipment and material subject to corrosion or erosion.



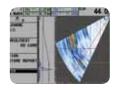
DM5E ultrasonic thickness gaging of pipes

#### Corrosion monitoring sensors

Sensors continuously monitor wall thickness of oil & gas high temperature pipelines while providing frequent and reliable information for decision making.



Rightrax™ permanently-installed sensor on oil & gas pipe section



#### **Testing machines**

Complete turnkey ultrasonic inspection systems support both on-line and off-line applications in the manufacturing process, as well as mobile systems for field applications. These testing machines are designed to provide the fastest inspection times for maximum throughput to cover the complete product range and to meet major international testing standards.

Depending on the test task, all ultrasonic technologies from single probe to multiple channel and multi-probe phased array are applied. All in-line testing machines have an interface to the material handling devices and to the customer's computer network. Testing results are evaluated in real-time, documented in different formats and allow further processing.

#### Instrumentation

From single channel instruments for precision immersion tank applications to multi-channel and phased array instruments for demanding, high production environments, we offer a wide range of system level ultrasonic instrumentation for virtually every industrial application, including precision inspection of critical aircraft engine parts, automotive components and high-speed in-line profile, pipe and weld inspection.

All systems instruments provide a variety of I/O including, TTL and analog outputs and test data release functions to interface with existing customer equipment. Software development kits are also available to build custom interfaces from the instrument and your application software.



Weldstar mobile ultrasonic inspection system



SNUP ultrasonic pipe testing system



Phased Array Squirter with robots



 $\ensuremath{\mathsf{GRP}}$  ultrasonic tube and pipe testing system



ROTA ultrasonic bar, tube and pipe testing system



Multi-channel ultrasonic instrumentation



# Remote Visual Inspection (RVI) Solutions

RVI is a cost-effective inspection technique used to capture real-time views and images from inside voids such as tubes, pipes, machines, engines and enclosed structures. RVI can be a complementary technique to other NDT disciplines and is frequently used as the primary inspection method.

#### Video borescopes

We offer an array of technologically advanced video borescopes, from the most portable to the most capable—all designed for ease of use while delivering video images of unsurpassed quality.

Distinguished by an intuitive, patented joystick and one-handed operation, these systems feature integrated LCD video and a variety of imaging and measurement options. Video borescopes, like our XL Go+, are engineered for durability and available in many diameters and lengths.



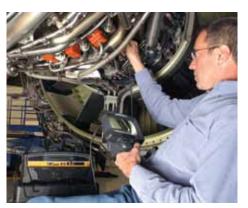
Large gas turbine inspection with the XL Go+ VideoProbe®

#### **3D Phase Measurement**

Now available with the XLG3 Video Borescope, 3D Phase Measurement provides accurate 3 dimensional surface scans allowing measurement of all aspects of surface indications. Inspectors can view and measure a defect using a single probe tip, eliminating the extra steps required to back out, change the tip and then relocate the defect. In effect, the 3D Phase Measurement provides accurate measurement "on-demand" while simplifying the inspection process. Profile View is a cross section view of a portion of the surface. With Profile View, the inspector can rotate and zoom to get a more accurate view of the defect. The ability to better visualize the shape and characteristics of an indication allows for well-informed decision of serviceability of the asset.

#### **Menu Directed Inspection**

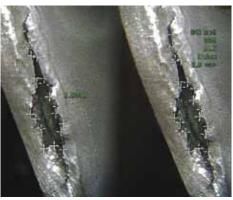
Menu Directed Inspection (MDI) is one the first software tools to standardize the inspection process in the NDT industry. An XLG3™ or XL Go+ VideoProbe® system operating MDI software helps guide inspectors through the inspection process, intelligently auto-generates reports and organizes inspection results, decreasing reporting time up to 70%, improving quality and increasing productivity.



Aircraft engine inspection using the  $\mathsf{XLG3}^\mathsf{TM}$   $\mathsf{VideoProbe}$ 



Sample inspection Menu Directed Inspection list selection screen



StereoProbe® area measurement screen shot from XLG3 VideoProbe

#### Pan-Tilt-Zoom (PTZ) cameras

GE has a full range of rugged industrial PTZ cameras for remote viewing in large areas. They feature three interchangeable zoom camera head diameters with high-intensity lighting, pan-and-tilt mechanisms and industrial waterproof packaging for protection from extreme environments.



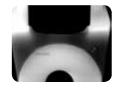
Inspecting chemical plant vessel with Ca-Zoom® PTZ inspection system

#### **Rigid borescopes**

Detect irregularities in castings, ensure the structural integrity of an aircraft engine or take a quick look in an application with "straight line" access—nothing gets by the exceptional clarity and high precision optics of our rigid borescopes. Our scopes are very durable with all-metal construction and a triple tube shaft design built to withstand harsh environments.

#### Flexible fiberscopes

Our line of fiberscopes range from 8.0 mm to 1.5 mm diameter for fast access in the smallest areas. Featuring high-resolution image bundles and durable tungsten jacket construction, these simple inspection devices provide a window into otherwise inaccessible locations.



## Software Solutions

GE's Inspection Technologies business provides the tools to take you from data to decision. Our advanced software solutions assists you with collecting high-quality data for subsequent review and analysis in field and factory manufacturing applications to make critical decisions. Our software covers all NDT applications and testing methods, including software for data input, analysis, image review, reporting, data management, remote collaboration and storage.

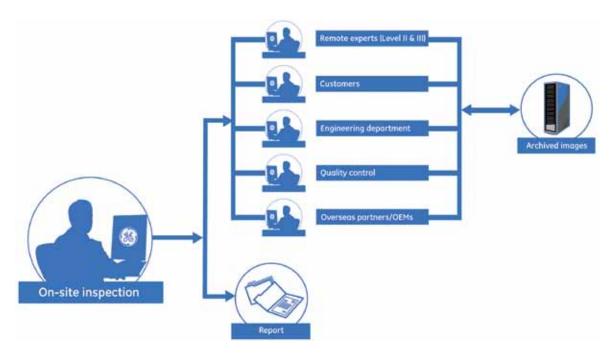
#### **Rhythm Software Suite**

Our Rhythm® intelligent software platform along with image enhancement & measurement tools can help you integrate NDT data & images with other relevant information. The Rhythm suite is a user-friendly software tools that offers advanced image review tools and data management for all remote visual inspection, ultrasonic, X-ray (including computed radiography, digital radiography and film digitization), and electromagnetic testing methods. Its advanced data sharing capabilities allow significant improvements in productivity and help enable faster identification of quality problems, leading to reduced production defects and/or better in-service asset management.



Rhythm Review screen

The Rhythm platform is based on Digital Imaging Communication of Non-destructive Evaluation (DICONDE) providing the ability to have multiple modalities in one platform operating in an industry standard, non-proprietary data format.



#### Menu Directed Inspection (MDI)

Menu Directed Inspection (MDI) is one of the first software tools to standardize the inspection process in the NDT industry. An XL  $Go+^{TM}$  or XLG3 $^{TM}$  VideoProbe  $^{\textcircled{R}}$  system operating MDI software helps guide inspectors through the inspection process, intelligently auto-generates a report and organizes inspection results—saving time, improving quality and increasing productivity.

#### **Application Specific Software**

We offer application specific software to enhance defect detection. For example, our automatic defect recognition (ADR) provides unattended or redundant X-ray inspection of light-metal castings. This software can be used with different X-ray detectors, such as flat-panels or image intensifiers and is also available for off-line result analysis and optimization.

For example, our easy-to-use specialized software packages for ultrasonic testing inspection manage part scanning, ultrasonic signal acquisition and provide imaging tools for off-line analysis. In addition, we offer 3D rendering software to help identify and size defects and for 3D metrology.

# **Applications Engineering & Support**

GE's Inspection Technologies has enormous breadth and depth of experience in the application of non-destructive testing technologies to real-world challenges. Our legacy brands date back over 100 years of NDT history. We have solved ten's of thousands of applications ranging from broad-based generic to highly customized and even unusual applications. As your partner for NDT solutions, we can provide a wide experience and broad product/software offering you the best solution to your challenges – increasing your productivity and improving your bottom line. Please refer to our application-specific web pages and informational brochures for more information.

### **Big 5 Applications**



#### Welds

GE has conventional and phased-array UT, including test machines, film and digital radiography, Electromagnetic and remote visual technologies for new build, in-service or life extension engineering of welds.



#### Corrosion

GE offers simple hand-held digital UT thickness gages, digital and phased-array UT flaw detectors, and X-ray products for corrosion and erosion detection, and sizing. Our Rightrax monitoring system permanently installs on suspect areas to alarm you of trouble spots before a failure can occur.



#### **Rotating equipment**

We offer the broadest selection of NDT modalities, including Electromagnetic arrays, 3-D volumetric CT, advanced menu-directed RVI and Rhythm software for inspection data trending and archiving of gas and steam turbines, compressors, pumps and electrical generators.



#### Heat exchanger

Nuclear steam generators, condensers, feed water heaters, air-conditioning chillers and other balance-of-plant heat exchangers experience degradation over long-term use. GE can assist you in diagnosing almost any heat exchanger problem with our wide inspection capabilities.



### Composites

Whether for airframe components on military or commercial aircraft, large rotating blades on aircraft engines and windmills or piping systems, GE has developed significant expertise for enhancing the inspection process with composite materials.

### Customization



#### Flanged-face corrosion using ultrasonics

Flange-face corrosion is a big problem for refineries and chemical plants. Our custom ultra-narrow, phased-array ultrasonic transducers combined with custom software templates tailored to specific flange geometries can significantly increase inspection productivity (speed and probability of detection) in this tough field environment.



#### Electromagnetic testing of turbine dovetails

Electromagnetic array probes and MC/MF instrumentation designed specifically for 3-D geometry of turbine blade rotor dovetail joints can significantly increase probability of detection while improving inspection productivity and documentation.



#### Secondary-side via RVI

Secondary-side nuclear steam generator (heat exchanger) inspections are aided by this custom-designed 2.7 mm (0.106") wide video borescope. With image resolution 15X better than traditional fiber-optic systems, inspection data is easier to interpret, facilitating better informed decision making for tube sheet or support plate cleaning and loose parts retrieval activities.



#### Metrology with Computed Tomography

Volumetric Computed Tomography (3D CT) is used in conjunction with advanced manufacturing techniques for both inspection and metrology needs. GE offers customized solutions including low-volume, proof-of-principal product inspection services to validate the test technique.

# Service Solutions

GE's Inspection Technologies provides a wide array of service solutions across multiple modalities and industries. From equipment repair, spare parts, product calibration, on-site remote visual inspection, equipment rental, training, custom service agreements and preventative maintenance, we have the correct service solution to help keep your inspection operations up and running.

#### Repair and calibration

We provide a full lineup of equipment repair and calibration services. Our global team utilizes proven analytical tools to quickly repair or calibrate your equipment to ensure its availability. On-site calibration is available and can be done to your specifications. Traceable calibration certificates are available as well.

#### Preventive maintenance

Periodic maintenance, if neglected, could result in unnecessary production outages. GE can show you how to avoid unnecessary downtime with a comprehensive set of component inspections and sub-system tests, tailored to the design specifications of your equipment. We can schedule our services to meet your needs and the specific needs of your equipment.

#### Spare parts

As one of the leading manufacturers of NDT test equipment, GE is able to support the performance of your equipment by offering genuine spare parts as supplements to your parts inventory or as required to maintain your equipment. The utilization of global warehouses and parts centers provides quick delivery to your location.

#### **Applications centers**

Our Application Centers bring together worldwide knowledge and experience to help our customers quickly solve their application challenges. Our engineers, technicians and specialists possess a broad knowledge encompassing many NDT technologies and many industry segments to develop specialized inspection solutions.

#### NDT training and on-line programs

Our training organization, based in the United States and Europe, offers classroom instruction, on-site training and on-line courses for digital and film radiography, ultrasonic, remote visual inspection and electromagnetic. Level-I and II and product training is available for all NDT modalities, as is customized instruction.

If you cannot travel to our training schools, we bring them to you. We offer global on-line training programs for convenient learning at your own pace. Visit our website for the latest details about Inspection Academy, including a variety of e-learning options.

#### On-site remote visual inspection service

Our staff of experienced remote imaging specialists, equipped with the latest remote visual inspection equipment, is available around the clock. They can assist during planned and unplanned outages, preventive maintenance, emergency services or with state or federal compliance issues.

#### **Service agreements**

Control your equipment costs, reduce operational risks and help ensure performance with a custom service agreement. Regardless if you own a single portable instrument or numerous advanced testing machines, we can design a service program that locks in your long-term service costs.

#### **Equipment rental**

Our rental program allows customers temporary access to needed equipment on a temporary basis. We offer ultrasonic, Electromagnetic, radiography and remote visual inspection equipment for rental. Commercial arrangements are available for daily, weekly, monthly or yearly equipment needs.



# Regional Offices

For local contact information, please visit our website: www.geinspectiontechnologies.com.

#### **Americas**

#### **United States**

50 Industrial Park Road Lewistown, PA 17044 +1 866 243 2638 (toll free) +1 717 242 0327

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Robert Bosch Strasse 3 50354 Huerth +49 2233 6010

#### Hungary

East Gate Business Park, Building F2 Fót 2151 Hungary +36 27 565 000

### Asia & Middle East

#### **Singapore**

31 Kaki Bukit Road 3 #04-09/11 Techlink Singapore 417818 Tel: +65 6213 5500

#### China

5F, Building 1, No.1 Huatuo Road, Zhangjiang High-Tech Park, Shanghai 201203 +86 800 915 9966 (toll-free) +86 (0) 21-3877 7888

#### **United Arab Emirates**

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