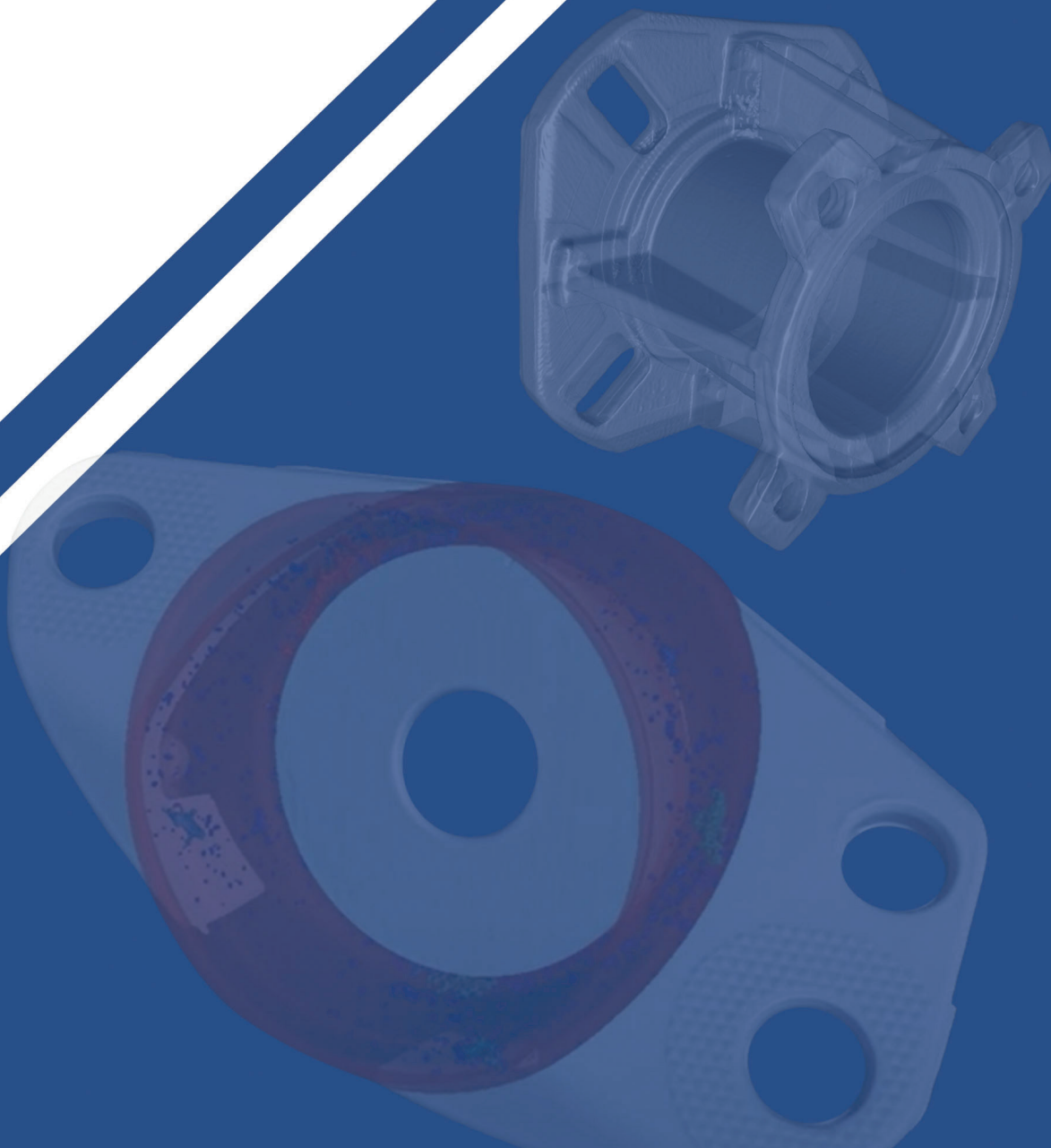


NDT Services

- › Radiographic Inspection Training
- › Radiographic Inspection Services
- › AMC, Repair & Maintenance Services



At MQS Technologies, we aim to transcend our customer relationships by focusing on becoming a solution partner from just a supplier. By closely working with our customers' in-house R&D, Engineering & Quality teams, we further aid their competitiveness and strive to bring their products to market faster.

MQS offers the following value-added services – at our factory and at customers' facilities

1. Radiographic Inspection Training: Basic training module that explains the advantages of Digital Radiographic inspection along with other conventional NDT Services. This session provides fundamental operational training on Conventional radiographic inspection (Films), Digital Radiography (DR) and Computed Tomography (CT) for performing Non-Destructive testing. All attendees receive basic practical training and access to live lectures, software training and technical study material.

Topics Include

- ▶ Principals of Radiographic inspection
- ▶ Functionality training on both Film and Digital Radiography
- ▶ Basics of Image Acquisition and Review software training, techniques for achieving required image quality
- ▶ Technique development for purposes of meeting specifications

2. Radiographic Inspection Services: Our in-house facilities and trained manpower enable us to offer 2D/ 3D/ CT inspection services for varied industries and applications. Inspection services help in significantly lowering inspection costs and are highly valued in product development, reverse engineering and defect analysis domains.

MQS spends time on understanding the exact requirement in consultation with your product specialist/ QA & QC team and chalks out an inspection plan to ensure that each inspection is customized and serves the right purpose.

Currently, we house the following facilities

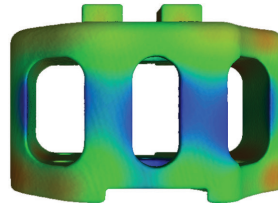
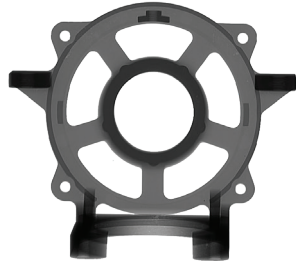
- ▶ Conventional X-Ray Capabilities upto 450kV
- ▶ Computed Tomography X-Ray System
- ▶ High Energy Digital Flat Panel Detector
- ▶ Fully automated object handling equipment
- ▶ Image Acquisition and Review Software – MQS Imaging Suite (MIS)
- ▶ Lead Shielding Cabinet
- ▶ Certified RT-D Professional

Applications

- ▶ 2 D/ 3D Inspection Applications
- ▶ Defect Analysis
- ▶ Casting Inspection
- ▶ Medical/ Pharmaceutical Devices Inspection
- ▶ Food Products Inspection
- ▶ Electrical components Inspection
- ▶ Museum Artifacts Inspections and analysis
- ▶ Weld Quality Analysis
- ▶ Wall thickness, Dimensional measurement and comparison with original CAD design
- ▶ Metrology
- ▶ Material Characterization

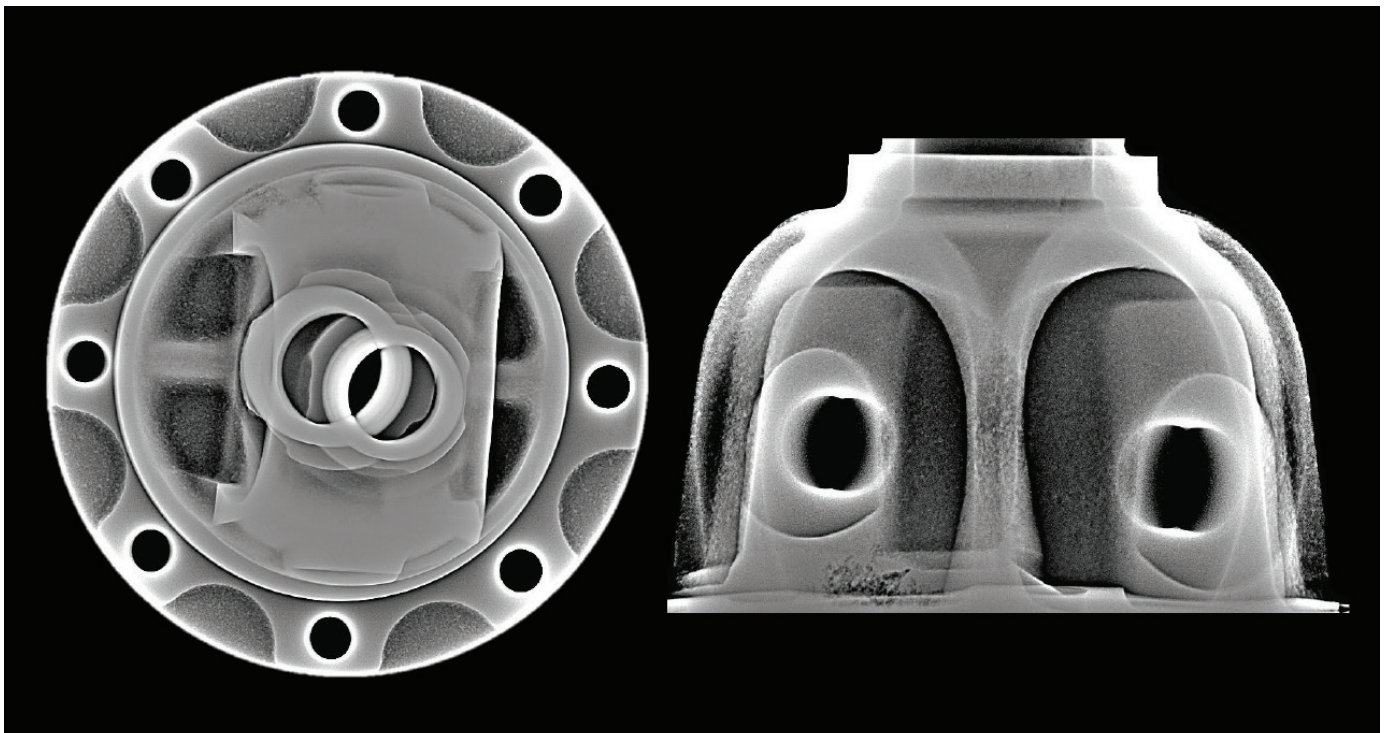
Services Include

- ▶ Real time product analysis - helps with identifying the configuration, integrity and quality level of internal components
- ▶ Failure analysis - through high resolution X-Ray imaging from all conceivable angles & views
- ▶ Live product manipulation - helps determine behaviour under load while operation
- ▶ Product screening - through detection of contamination and FOD



CT Inspection Services

Computed Tomography (CT) is the most advanced X-Ray inspection technique available in the industry. CT gives you enhanced capabilities with versatility and product information that you cannot receive anywhere else. CT eliminates evaluation error and gives you a visual understanding of your product that you may have never seen before. Computed Tomography X-Ray inspection is a completely non-destructive and non-contact method for obtaining internal and external information on just about any object ranging from microns to feet in size!



3. AMC, Repair & Maintenance Services – Due to our extensive experience in the field of servicing, repairing and maintaining industrial and healthcare equipment, we are perfectly positioned to offer AMC & Repair services for Industrial X-Ray systems, Manipulators and Handling systems, of any make. These services are beneficial for users, who operate out of warranty or discontinued equipment, as it helps increase the useful life of the system and also minimizes the cost of operations.

Our Clients



About MQS Technologies

MQS Technologies (formerly MedeQuip Services) is a diversified firm with Design, manufacturing & maintenance capabilities that offers custom solutions for engineering & healthcare applications.

Focused on three business lines - Non-Destructive Testing, Aerospace & Defense and Healthcare, our USP lies in leveraging decades of multidisciplinary expertise in electronics, electro-mechanical, mechanical and software domains, to provide user-friendly products and services for a wide range of industries.

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