

# RoMat DMG Service

## In-line Detection of Volumetric Hard Spots



Data acquisition and storage for code compliance



Multiple services possible in a single test run



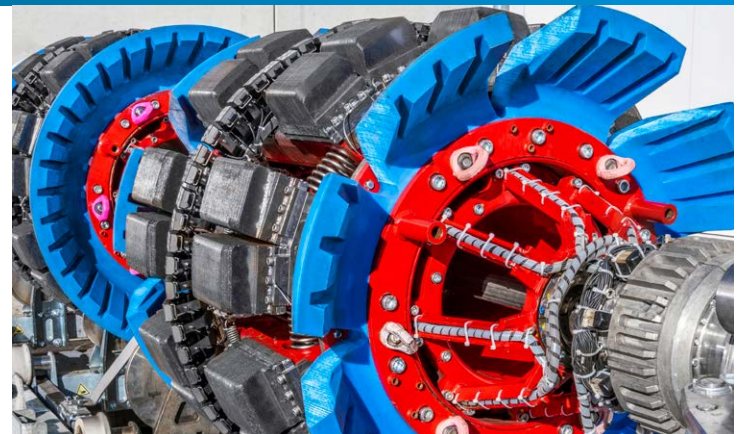
Draws on the largest tool fleet in the world

Understanding the materials properties of your pipeline assets is not only essential for threat management, but a regulatory requirement. We offer a wide variety of pipeline material verification procedures as part of our RoMat service suite. These are based on technologies that are industry proven and produce reliable, high-resolution data that can underpin your holistic pipeline management strategy. These procedures are designed to work flexibly around the specifications of your network and can be applied across a range of pipe diameters, flow rates, temperatures and pressures. Our capacity to record, process and analyze the acquired material data makes us your ideal pipeline integrity partner from the planning stage through to remedial work.

During the manufacturing process, small imperfections are introduced into the crystalline structure of tubular goods used in the construction of pipeline assets. We understand your need and responsibility to manage the risk of these imperfections manifesting as hard spots in your pipeline walls. If left untreated, they can propagate to become cracks.

Our DMG service detects, measures and classifies internal and external hard spots in your pipeline. Magnetic flux leakage and eddy current measurements taken during an in-line inspection are comprehensively analyzed for anomalies.

- Present and future threats are identified to manage asset integrity
- Hard spots are categorized to optimize your response strategy
- Two test technologies in one inspection run for minimum intrusion



## Comprehensive Multi-Sensor Data Gathering to Inform Threat Management Strategies

- Reliable measurement data on location, dimensions and absolute hardness allows for a comprehensive approach to hard spot threat analysis, monitoring and correction
- Technical support available at all phases of the testing, from planning and execution of the inspection to data evaluation and asset integrity review
- A single in-line inspection run can also incorporate metal loss and pipe grade testing at the same time for a multifaceted pipeline integrity test