



Insight

Non-Destructive Testing and Condition Monitoring

October 2014



Published by:
The British Institute of Non-Destructive Testing
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Volume 56 Number 10

October 2014

Comment, by *Dr E A Birt* 530

NEWSDESK: Wardray Premise installs radiography bays for JF NDT's new facility in Deeside; New BINDT Associate specialises in portable X-ray systems 533

COVER



This month's front cover shows a new eddy current array probe designed for the examination of carbon steel welds. The Shark™ probe, introduced by Eddyfi, allows the length and depth of surface-breaking cracks to be determined, without the need to remove paint and protective coatings over joints.

The width of the probe enables its spring-loaded fingers to adapt to the butt weld crown so that it can scan the complete weld cap, toe area and heat-affected zone in a single pass with uniform sensitivity, all the while sizing cracks as deep as 10 mm. Other benefits include increased scanning speed – up to 200 mm/s – and advanced imaging. Indeed, ECA technology yields a wealth of information through 2D and 3D C-scans. This imaging offers intuitive, visual indications of defects, giving operators and other personnel involved confidence in the inspection results.

This new design will lead to a whole range of eddy current array probes capable of addressing the needs of many industries that rely heavily on carbon steel material.

Eddyfi
www.eddyfi.com

FEATURES

Three-dimensional defect reconstruction from magnetic flux leakage signals in pipeline inspection based on a dynamic taboo search procedure,
by *Junjie Chen, Songling Huang and Wei Zhao* 535

A novel iterative reconstruction method for dual-energy computed tomography based on polychromatic forward-projection calibration,
by *Xing Zhao, Jing-jing Hu, Yun-song Zhao and Hui-tao Zhang* 541

Hilbert transform-based pulse compression approach to infrared thermal wave imaging for sub-surface defect detection in steel material,
by *V Arora, J A Siddiqui, R Mulaveesala and A Muniyappa* 550

Non-destructive characterisation of laser-hardened steels,
by *G Cosarinsky, M Kopp, M Rabung, G Seiler, A Petragalli, D Vega, M Sheikh-Amiri, M Ruch and C Boller* 553

Investigations on a pulsed eddy current system for flaw detection using an encircling coil on a steel pipe,
by *S Majidnia, J Rudlin and R Nilavalan* 560

REGULAR FEATURES

International Diary 567
NDT Info 571
Product Showcase 579
Associate Members/Index to Advertisers 584