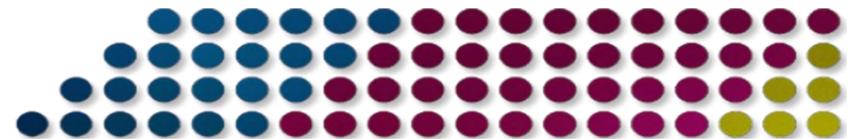
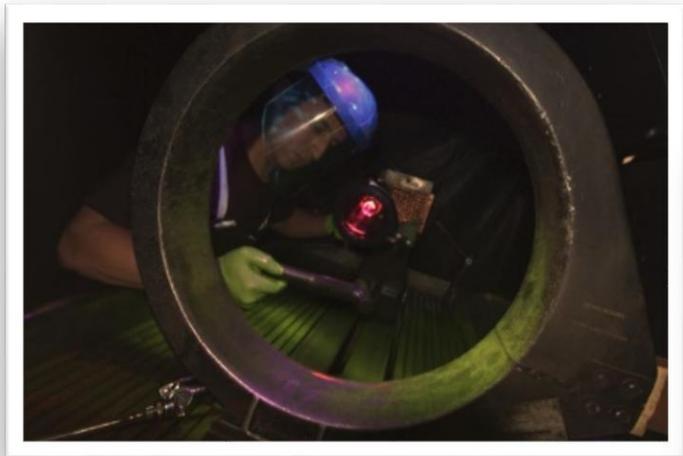


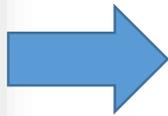
Mixed Light Inspection

Imaging low-level fluorescence from penetrant dyes under daylight conditions

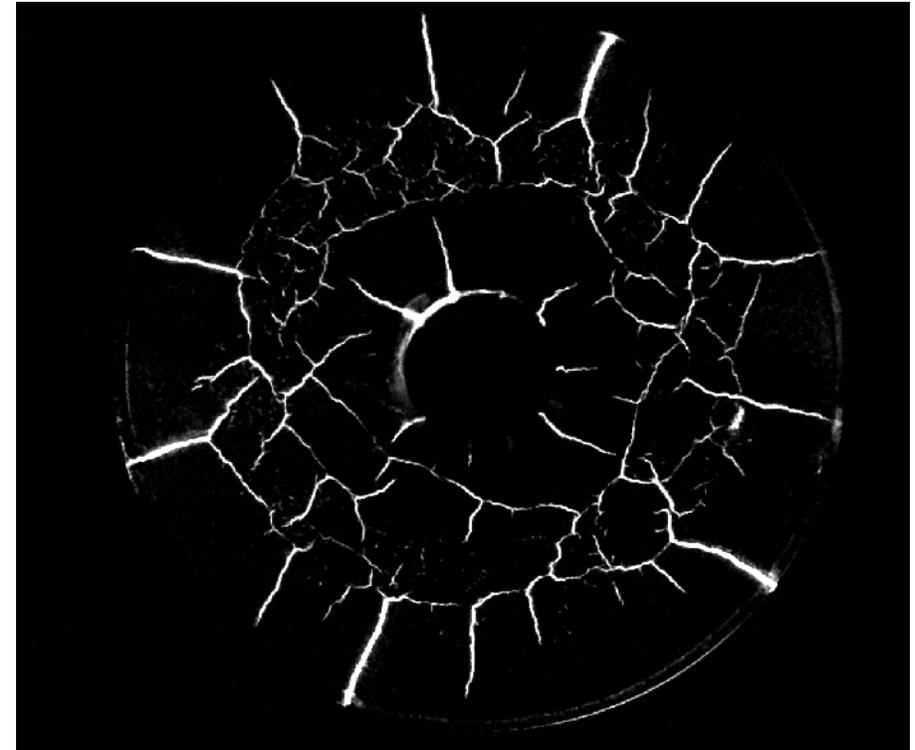
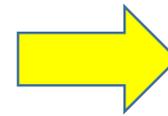


- This is the term for attempting detection of low-level fluorescence against a background of strong daylight or other brightly-lit deployment environments
- Currently, these inspections are performed indoors or under specially constructed covered awnings and tents whilst working outdoors .





High wattage halogen lamps
(Measured illumination at sample surface of 112,000 lux)



SIMULTANEOUS SCANNING OF SAME OBJECT WITH MIXED LIGHT APPARATUS. BACKGROUND LIGHT IS **COMPLETELY** REMOVED IN REAL TIME

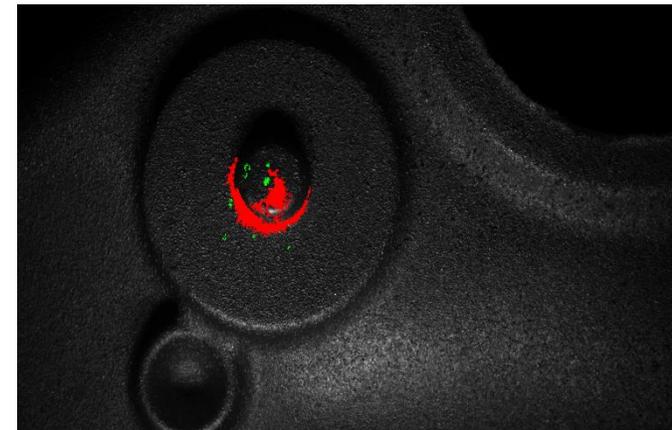
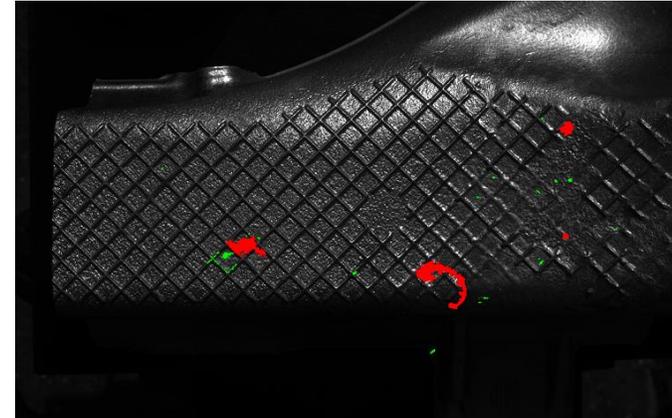


Inline inspection of castings: Defects and Process Control



Above: Completely automatic inspection in strong daylight at 30 fps.

Opposite: Simultaneous automatic detection of defect. Differing colours indicate the severity of the defect.



We look forward to seeing you at the show!

Dr Geoff Diamond, Inspection Technologies.

geoffdiaond@inspectiontechnologies.co.uk

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