

# NON DESTRUCTIVE TESTING Magnetic Particle



Callington

Sherwin DUBL-CHEK magnetic particle products are the most widely used for the inspection and detection of surface breaking and near surface discontinuities in ferromagnetic materials

**DUBL-CHEK** magnetic particles give the maximum contrast to produce distinct indications when inspecting under white or back light.

Callington has a full range of **DUBL-CHEK** NDT approved products that will enable you to carry out inspections with confidence.

### **Applicable Specifications**

- ASME Code NDT, Sec V
- AMS 3042
- ASTM E 709
- ASTM E 1444
- SAE AMS 3045

### **Fluorescent Product Visible Product Dry Particles Product (Magnetic Dusting Powder)**

### **DUBL-CHEK Magnetic Particle Benefits;**

- Used with all ferromagnetic metallic materials
- Great for the inspection of castings, forging and weldments
- Highly sensitive
- Can detect small discontinuities
- Can detect sub surface discontinuities
- On the spot results
- Rapid inspection process
- Can be used underwater for offshore applications
- Portable System
- Surface preparation is not as critical
- Relatively easy to apply