



The Rapid Response Premix Facility for the Powdered Metal Industry

Ancolor Magnetic Inspection Powders

Magnetic particle inspection is a nondestructive inspection method used for defect detection in ferrous parts. The method is used to inspect a variety of product forms such as castings, forgings, and weldments. The only requirement from an inspectability standpoint is that the component being inspected must be made of a ferromagnetic material such as iron, nickel or cobalt, or some of their alloys. Ferromagnetic materials are materials that can be magnetized to a level that will allow the inspection to be effective. Many different industries use magnetic particle inspection for determining a component's fitness-for-use.

Some examples of industries that use magnetic particle inspection are the structural steel, automotive, petro-chemical, power generation and aerospace industries. Underwater inspection is another area where magnetic particle inspection may be used to test such things as offshore structures and underwater pipelines.

Ancolor Dry Magnetic Inspection Powders are available in a variety of colors including white, gray, red and yellow. Using state-of-the-art lab equipment, these powders are color-consistent from lot-to-lot. Because of our on-stock inventory, same-day shipment is possible.

Certifications:	
ASTM E709	ASTM E1444
AMS 3040 C	NAVSEA 250-1500
MIL-STD-2132C	API RP5A5