

Automag

Aerosol Spray Cans For Wet MPI

- 1. Magna Ink BK** : **Ready to Use Black Ink for Wet MPI**
- 2. Magna Ink RK** : **Ready to Use Red Ink for Wet MPI**
- 3. Maga Ink GYK** : **Ready to Use Fluorescent Ink for Wet MPI**
- 4. White Contrast WC-23** : **Quick drying White Contrast Coat for MPI**

Magnetic Particle Method of Non Destructive Testing is quite popular to find out surface and sub surface defects in ferromagnetic components. Extremely fine surface and sub surface defects are best found by using wet magnetic Particle Testing. Many a times the magnetic particle Testing is required to be carried on site

particularly for Pipe line testing, either while laying down or periodically for routine maintenance and repairs there after. Magnetic Particles in suitable carrier liquid are supplied in aerosol containers in ready to use form which does not need any preparation. The concentration of particles are pre adjusted as per the requirements of International specifications and the other parameters with reference to sensitivity etc. are assured through Laboratory testing. The Magnetic Particles packed in aerosol cans consists of carefully controlled mixture of



extremely fine & high permeability ferro magnetic particles in order to obtain highest sensitivity. These products are available in two colours namely Black and Red, Above are the products offered by us for on site magnetic Particle Testing. White contrast WC-23 is a contrast coat which has coating thickness less than 10 microns on single application of the coat and is quite suitable to get extremely nice contrast and to enhance the sensitivity of the test by making the defects seen clearly due to better contrast. The film thickness provided does not affect the magnetic field on the job under test.

Main Features

- Extremely fine magnetic particles of very high magnetic permeability for high Sensitivity.
- Supplied in Aerosol pkgs : 550 ml Capacity Net Can with Net Content 425 ml..
- Particle Concentration : 3.0 to 4.0 ml. per litre of Carrier Liquid (As per Specifications)
- Avg. Particle Size : 6 microns
- Performance Test : Satisfactory on Ketoes Ring, Std. Defect Plate & ASME / ASTM Shims
- Carrier Liquid : High flash (95 Deg.C) Petroleum Oil
- Suitable for all types of magnetization methods