

PROMTECH offers Dye Penetrant Testing Chemicals

For Non Destructive Testing For all MS and SS Fabricators

Liquid Red Dye Penetrant Chemicals are extensively used as one the most reliable and fairly economical method of **Non-Destructive Testing method** for the detection of very minute surface **Cracks, Pinholes, deformities** in all types of structural & welded steels, Boiler tubes ,Condenser tubes & Turbine & Power Generation Equipments, Chemical Plants and Vessles, Heat Exchangers, Petro-chemical and Chemical Pipe-lines, All types of SS and MS Fabrications, SILOS , Tank-Farms, Storage Tanks , Transformer tanks , Steel Buildings, All heavy Engineering Fabrications , Pipes and Tubes , Auto components, Gears , Pistons , Crankshafts , Transmission Rods , Propeller shafts, Cylinder liners , Castings Forgings etc.

Liquid Red Dye Penetrant Chemicals are formulated so as to penetrate in the minutest of the cracks/ Pinholes, **by an excellent capillary action** and shall have the sensitivity to detect all the cracks / defects completely. Red colour of the penetrant , which is adsorbed in the cracks / pinholes , is then blotted by the spray of the developer , thereby giving a high degree of contrast against white developer background and the colour is very easily distinguishable. A very small residual amount of sulphur or chlorine even at ppm levels, is highly objectionable on surface. This is especially applicable to the equipment used for the Nuclear Applications. Our products in this range of Dye Penetrant Testing are manufactured so as to sufficiently free of these elements to render them acceptable.

Our chemicals, Red Dye Penetrants, Developer & Cleaner confirm to the requirement of IS 3658-1981 IS 12889 & ASTM - E-165 ; are CFE FREE And are RoHS Compliant.

NDT Dye Penetrant Testing Products : For CRACK DETECTION

**Promtech Dye Penetrant PM 10 ,
Promtech Developer PM 24 and
Promtech Cleaner PM 30**

Available in 1 Lit & 5 Litres Packing and in **425 ml Self Spray Aerosol Cans.**

Products for MAGNETIC PARTICLE Testing

Promtech Black Magnetic Particle Ink Spray, available in 425 ml Self Spray Aerosol Cans.
Promtech White Contrast Paint, available in 425 ml Self Spray Aerosol Cans.

Our Products formulation is **Tested & approved by the National Test House ;** Mumbai These products confirm to the requirements of ASTM E 165 - 80 and IS 3658-1981 Dye Developer and Cleaner Cans are available in 425 ml Aerosol Self Spray cans: Which are **extremely user Friendly , CFC FREE and RoHS Compliant**, very safe for the environment . **Used for Chemical Plants and Vessles , All types of MS and SS Fabrications, Pipelines, Power plants & Equipments ; Off-shore Fabricated Structures;**

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Sales Offices : Dubai, Abu-Dhabi, Kuwait, Brighton UK , Harrisberg USA , Singapore & Australia



Dye Penetrant : Developer & Cleaner for NDT



Black MAGNETIC INK & WHITE CONTRAST PAINT
Used For Magnetic Particle
For Non-Destructive Testing
CRACK DETECTION TEST