

Flaw Guide

Leak Testing Products

Colorimetric Developer 2901

Locates Exact Position of Leak by Colour Change

This is a non polar Developer which can be used to detect exact location of leak in Pipe Lines, Storage tanks, Heat exchanger tubes, Boilers, Cooling Pipes ,etc. used in industries such as Chemical, Nuclear, Aerospace, Automotive , Marine, Thermal Power, Boiler etc. either during installation and commissioning or during periodic maintenance . This product is supplied in easy to use Aerosol Spray can and is applied on welds, joints or any surface of the above component in doubt, forms a off white background and when the leaking water, polar solvents like alcohols, some other organic liquids or gases comes in contact with this off White film changes colour to prominent Red and pin points the exact location of even extremely fine leak thus avoiding wastage of costly material and avoid environmental damage and accidents.

Product Supplied in 550 ml. Aerosol cans



3 in 1 Leak Detector DLC

Also finds fine surface defects in addition to leak

This is off white transparent liquid used during Hydro test to find out exact location of leak. This liquid changes colour to bright Red when comes in contact with Water (polar solvent). This material can be used for leak detection of large tanks or Pipes or Gas / Oil / Water carrying pipe Lines or to check weldings on the above mentioned components after repairs. While carrying out the Leak Testing, the same product can be used to detect extremely fine surface defects such as cracks, pinholes during leak test and thus also carries the function of Red as well as Fluorescent Penetrant to the same sensitivity level thus doing three Tests in one operation by saving material, time, money and labour. Liquid is applied by brush-For exact procedure refer Product Data Sheet.

Product supplied in 1 ltr. Glass bottle

This Leak detecting fluid is so formulated that it can be applied free of bubbles & the bubbles will occur only at the leak thus will not mask the leak by bubbles. The Halogen & sulphur is maintained very low so as to use safely on stainless steels of special grades

Leak Detector BBL

Detects Leak by Bubble Technique



Leak Detector Fluo

This is water soluble brown powder when added to water gives exceptional fluorescence at extremely low concentration and hence is used for leak testing of very large tanks above 500 tonnes .It is recommended to add 5gms of this powder per 1000 ltrs of water & the tank is examined from outside by UV Light for any leakage.

