

Product Information Sheet

Solvitol NDT System

Description

Solvitol NDT Dye Penetrant System consists of three aerosol packed products used in conjunction with each other for the detection of surface cracks in metal components both ferrous and non-ferrous. The system is approved to ASME specification and complies with DTD929.

Applications

Solvitol NDT Dye Penetrant System has many industrial applications such as welded seams on tanks, inspection of castings for pump & valve bodies, railway carriage wheels, engine turbine blades, forklift truck forks, hooks etc. on cranes and lifting tackle, marine boiler tubes inspection etc.

Benefits

- * System mobility – on site inspection
- * Easy and quick to use
- * High sensitivity
- * Non-destructive
- * Available in 400ml aerosols

The System

Aerosol 1: - Solvitol Crack Detector Cleaner (CDC)

This consists of a powerful fast drying solvent cleaner designed for the preparation of the surface before the application of aerosol 2, the Dye Penetrant.

Aerosol 2: - Solvitol Crack Detection Penetrant (DYE)

This product is based upon a red dye, which is designed to penetrate into surface cracks. It should be applied to a clean dry surface. After leaving the dye on the surface for a few moments, the surplus should be cleaned off using a lint free rag soaked in the cleaner.

Aerosol 3: - Solvitol Crack Detector Developer (DEV)

This is designed to be applied to the surface immediately after cleaning off the surplus dye from the surface being inspected. This aerosol will deliver a white powder film to the surface, which has the effect of drawing out the dye in the surface cracks. The effect is high definition of the red dye against a white background. The operation is now complete and the work piece can either be left as it is for further inspection or cleaned using Aerosol No.1.

Pack Sizes: -

Aerosols 12 x 400ml box (each product)

Health and Safety

Health and Safety information is available from the Sales Department of: - Solvitol Limited, Portobello Industrial Estate, Birtley, Co. Durham DH3 2RE. Fax 0191 492 0503

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