

- Most convenient for Field use
- Vivid red colour requires No ultra violet light
- Widely used for weld inspection

## DYE PENETRANT INSPECTION

# SPOTCHECK®

## RED DYE PENETRANT TESTING



Division of ITW Ltd

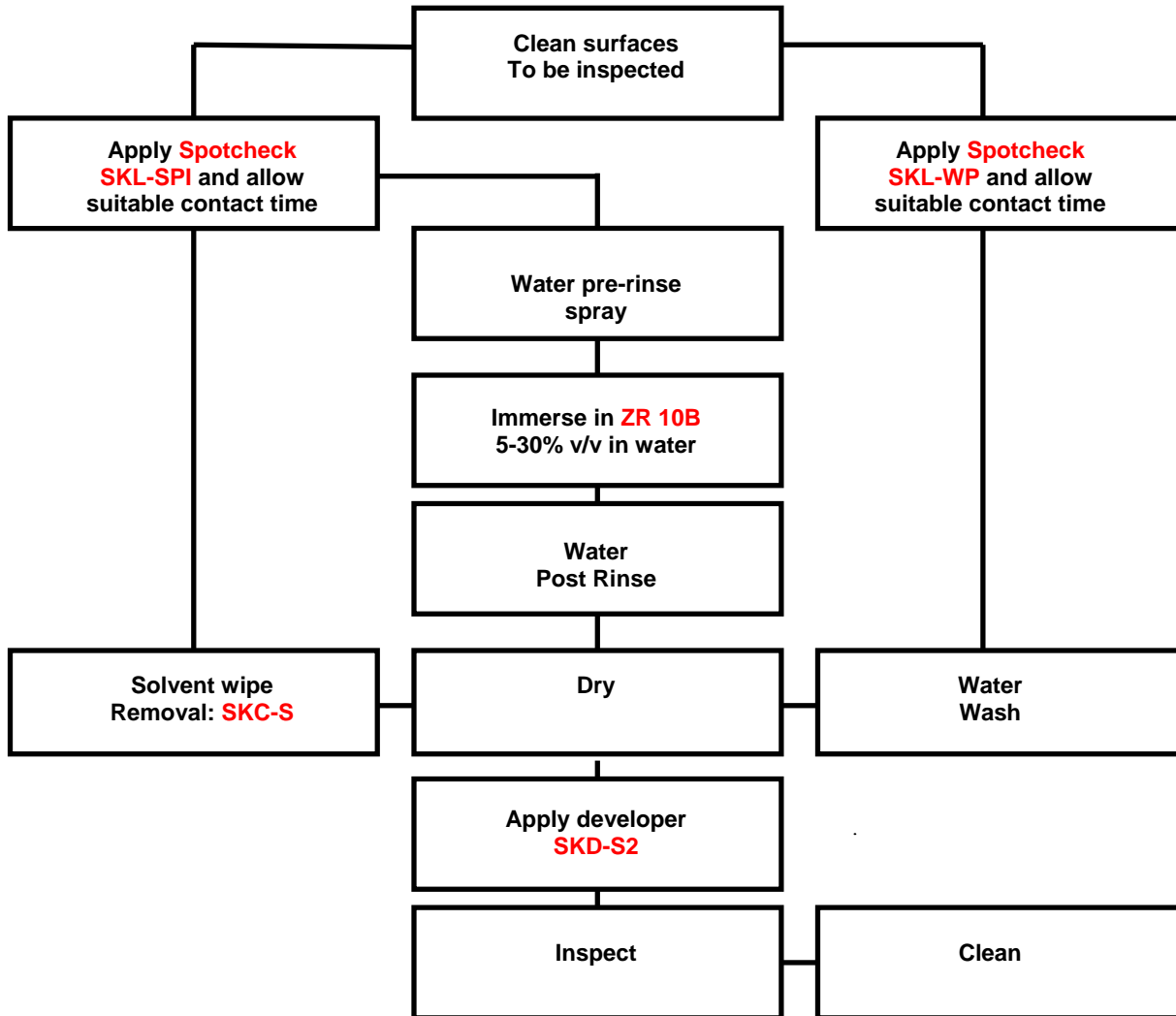
# MAGNAFLUX®

### SPOTCHECK® PRODUCTS

<b>SKC-S</b> : A volatile petroleum distillate based solvent for removal of surface excess penetrant in a solvent wipe method. Can also be used to remove Organic contaminants prior to penetrant testing.	Flash Point (PMCC) 7° C Viscosity at 20°C 1.0 cs Specific Gravity 0.72
<b>SKL-SP1</b> : Deep red penetrant for use with solvent wipe or post removable/emulsifiable systems. Ideal for testing smooth castings, forgings, fabrications, welds, etc. both in manufacture and during service.	Flash Point (PMCC) > 93° C Viscosity at 38°C 3.2 cs Specific Gravity 0.85
<b>SKL-WP</b> : Deep red water washable penetrant ideal for inspection of rough castings, welds and other rough surfaces where the ease of removal by water Washing is required.	Flash Point (PMCC) > 93° C Viscosity at 38°C 10.0 cs Specific Gravity 0.99
<b>SKD-S2</b> : A suspension of white developer in a blend of volatile non halogenated solvents – SKD-S2 must be agitated thoroughly prior to Application and must be applied by spray.	Flash Point (PMCC) 1° C Specific Gravity 0.92
<b>ZR10B</b> : A pink concentrate for dilution in water, 5 to 30% v/v solutions are Ideal for removal of excess SKL-SP1 after water pre-rinse. Simple immersion is sufficient and contact times up to 2 minutes are commonly found useful.	Aqueous solutions will freeze close to 0° C all temperatures should not exceed 40° C

*The above figures are typical values only and do not constitute a Specification*

## SPOTCHECK - METHODS OF USE



Colour contrast red dye penetrant is used throughout industry for the detection of surface defects. Penetrants give clear vivid red indications of surface flaws, easily seen by the naked eye.

### SPOTCHECK® APPROVALS:

As a well-known international range of products, Spotcheck systems meet the requirements of a wide spectrum of approvals.

Many applications require certifications for low levels of certain elements, notably sulphur and the halogens.

Spotcheck materials can be supplied certified to meet these requirements.

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