Approvals and conformities

ASME
ISO 9934-2
ASTM-E-1444
PMUC (French acronym for : Products and Equipments allowed for use in Powerplants by EDF - French Electricity Boa
AMS 3044

MANUFACTURER: Babb Co (F)

DESCRIPTION / APPLICATION(S):
Fluorescent magnetic detecting medium available in spraycan and concentrate to be diluted in water at 5.0 % by volume (1:20).
It is a very fine and stable product containing anticorrosion, wetting and dispersing additives.

Non-flammable propellant
Very low odor
Very low sulfur and halogens contents
Temporary frost resistance, down to -10 °C (concentrate form)

This product can be used with any magnetic field generator (current passing, hand yokes, permanent magnets) and in magnetic bench.

Companion products: Tap water, demineralized water or unconditioned demineralized water (SED grade for Electricity of France)

DIRECTIONS FOR USE

BabbCoSafe 778B can be used from 0 to 50 °C but the best results are achieved between 10 and 35 °C.

Preparation :
We advise to clear the piece from any paint, oxide, soldering flows, etc., likely to give false indications, and to degrease carefully and thoroughly.
- For the concentrate dilution :
Shake thoroughly the product before pour it in a suitable container. Rinse the packaging twice with water and then adjust the final volume according the following data.
Packaging of concentrate : X L
Volume of « ready to use » : 20 * X L
Shake again in order to disperse all the particles. In machine let the pump run for at least 30 minutes before use. The product is then ready for use.

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- For the spraycan :
The product is ready to use, shake the can until you can clearly hear the ball tinkling.

Application :

Spray BabbCoSafe 778B during 3 to 5 seconds on the area to be inspected during the magnetization.
Continue magnetisation for 2 to 3 seconds after you stop spraying.

Observation :

Inspection is done under UV-A light (minimum irradiance: 1000 ?W/cm², recommended irradiance: ? 1500 ?W/cm²) with low residual visible light (< 20 lux) and after adaptation of the eye for 2 to 3 minutes according EN ISO 3059 standard.
The use of actinic blue (A-Blue®) is possible.

TECHNICAL CHARACTERISTICS

Particle content	1,6 g/L (spraycan and diluted)
Particles dimensions	2 to 10 µm (Average value 3,5 µm)
Fluorescence	4,3 cd/W (under UV-A)
pH	9 (when diluted)
Specific gravity	1,08 (when diluted)

This technical data sheet replaces and cancels the previous one.

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