

Approvals and conformities

ASME

RCC-M

ISO 9934-2

NFF 00-090

AMS 2641

AMS 3043

ASTM-E-1444

*PMUC (French acronym for : Products and Equipments allowed for use in Powerplants by EDF - French Electricity Bo**This product complies with REACh regulation***MANUFACTURER : Babb Co (Fr)****DESCRIPTION / APPLICATION(S) :**

Black magnetic detecting medium for detection of surface and subsurface defects on ferromagnetic parts:

- High sensitivity
- Very thin powder
- Shipped in spray cans

Can be used with any magnetic testing equipment (including electric current generators, electro-magnets, permanent magnets).

Companion products : White background B 104A, Solvent B 105

DIRECTIONS FOR USE

It is recommended to remove any paint, oxide, welding flux, etc. from the part to be examined, as such traces are likely to produce false indications, and to degrease the part carefully.

Prior application of the **B 104A** contrasting white background is strongly recommended. The contrast with **B 103C** shall then be enhanced significantly, causing reading to be easier and detection to be safer.

Once the B 104A is dry, shake the B 103C can vigorously until the ball tinkles clearly.

Then, spray the **B 103C** on the area to be examined **during magnetization**. Let magnetization on for 1 to 2 seconds after the spray stops, in order for the particles to come into place properly.

Inspection should be done under an ordinary white light with a sufficient level (350 lux minimum recommended or 500 lux, depending on applicable specifications).

TECHNICAL CHARACTERISTICS

- Aliphatic medium
- Propelling agent : CO₂

Halogenous content	< 200ppm
Sulfur content	< 200ppm
Flash point	>93°C
Granulometry	0,5-10µm / average value 1,5µm

PRECAUTIONS FOR USE AND STORAGE

Transport / Handling :Refer to Material Safety Data Sheet (MSDS).

Storage : Keep away from moisture

Temperature range : 0°C à 50° C (32°F to 122°F).

Keep packaging closed after taking out some of the product

This technical data sheet replaces and cancels the previous one.

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