



INSPECTION CERTIFICATE

IPCE - 213 - Rev 3

Product : FLUXO 307 - Water Based Fluorescent MPI Ink - Aerosol

BATCH : L210403

Manufacture Date : 03/04/21

Use Before : 03/04/24

We hereby certify that the above product **FLUXO 307** meets the requirements of the following specifications :

- EN ISO 9934-2
- PMUC - EDF - *Produits & Matériaux Utilisable en Centrale*
- ASTM E1444/E1444M - Paragraphs 5.5.2 and 5.5.3
- ASME Boiler & Pressure Vessel Code - Section V - Article 7 - Paragraph T-731
- ASTM E-709
- AMS 3044F - Magnetic Particles, Fluorescent, Wet Method, Dry powder
- SAE AS4792 - Water Conditioning Agents for Aqueous Magnetic Particle Inspection
- Low in Sulphur & Halogens (< 200ppm)
- Was manufactured in accordance with our standard procedures (requirement ISO 9001 for Quality System)

The following results were obtained :

Characteristic	Test Method	Requirement	Results
Performance	EN ISO 9934-2 § 7.1	Total Length of indication > 50mm	mm
Appearance & Colour	EN ISO 9934-2 § 7.2	Green suspension	Conform
Particule Size	EN ISO 9934-2 § 7.3	d ₁ (10%)	2.8 µm
		d ₅ (50%)	9.3 µm
		d ₉ (90%)	42.4 µm
Fluorescence Coefficient	EN ISO 9934-2 § 7.5	$\beta > 1,5 \text{ cd.W}^{-1}$	3.27 cd.W ⁻¹
Settlement Volume - 1h	ASTM D96	0.1 - 0.4 mL per 100mL	0.17 mL
Chlorine + Fluorine + Bromure	EN ISO 9934-2 § 7.15	< 200 ppm	< 200 ppm
Sulfur	EN ISO 9934-2 § 7.15	< 200 ppm	< 200 ppm

Jocelyne BONHAURE
Laboratory Technician

- The batch number appears on the label of bulk containers. Aerosols Cans have batch numbers printed on bottom of the can.
- The results are obtained at the time of manufacture. Age and use may alter the properties of the product.
- "PMUC is a trademark of EDF property. It is intended only to limit the risk of corrosion within EDF France Nuclear sites. The responsibility of EDF can not be held for any other case not covered by this scope"