Inspection Certificate
Abnahmeprüfungszeugnis DIN EN 10204.3.1
Certificat De reception
Certificado di collaudo
Keuringsrapport

Batch Number	**2611009**	**Product Name**	Magnaglo MF 655 WB Water Based Fluorescent MPI Ink Concentrate
Date of Manufacture	24/11/2026	**B.B.E.**	11/2029

Specification: Specification

We hereby certify that the above Magnetic Particle Inspection Material meets the requirements of the following.

A. ASME Boiler and Pressure Vessel Code, 2025 Edition, Section V, Non-destructive Examination.

B. EN ISO 9934-2

C. ASTM E1444/E1444M-26, Paragraphs 5.5.2, 5.5.3 and 5.5.4.

D. ASTM E 709-21, Paragraphs 8.1.2, 8.2, 8.3, 8.5 & 8.5.3.

E. NAVSEA 250-1500-1, (Rev. 10 June 1979, Rev. 11 May 1983, Rev. 12 December 1987 including ACN 2 Nov. 15, 1990, Rev. 13 October 1993 including ACN 4 June 30, 1995, Rev 16 May 9, 2003 incl. ACN 5) Paragraph 12.4.1.6.

F. MIL-STD-2132E, March 29, 2016, Paragraph 6.1.3.

G. Magnetic powder used in MF 655 WB meets the requirements of AMS 3044H Para 3.2.1, 3.2.2, 3.2.3, 3.2.4. & Para 3.2.5.1 (7 indications on Test ring conforming with AS5282).

H. AFNOR NF A 09-125

I. SAE AS 4792 Rev C

J. DIN 54132

K. DIN 51360 Corrosion Level 0

We further certify that this material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture.

Test	Section	Limit	Result
Specification			Passed

Specification: EN ISO 9934-2

When tested at the time of manufacture the following results were obtained.
The information is derived from our quality checks. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of the product for any particular purpose.

Test	Section	Limit	Result
Performance Reference block 1	7.1 in EN ISO 9934-2	Indication on Reference Block 1 (#072814)	Passed
Performance Reference block 2	7.1 in EN ISO 9934-2	Total length of indication on Reference Block 2	8cm
Colour	7.2 in EN ISO 9934-2	Light Brown Liquid	Passed
Particle Size - da (SMT 41)	7.3 in EN ISO 9934-2	Report	6.51 µm
Particle Size - dl (SMT 41)	7.3 in EN ISO 9934-2	Report	5.97 µm
Particle Size - du (SMT 41)	7.3 in EN ISO 9934-2	Report	7.31 µm
Fluorescent Co-Efficient	7.5 in EN ISO 9934-2	Shall be within 10% of the type testing	95.42%
Fluorescence of Carrier Fluid	7.6 in EN ISO 9934-2	Not brighter than quinine sulphate solution	Passed
Corrosion Inhibition	7.8.1 in EN ISO 9934-2	No Corrosion	Passed

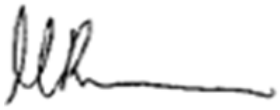
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Foaming	7.11 in EN ISO 9934-2	No significant foaming	Passed
Storage Stability	7.13 in EN ISO 9934-2	3 years	Passed

--- EOR ---

Prepared by **Approved by**





Notes:
1. Our batch number appears on the label of bulk containers. Aerosols have batch numbers printed on bottom of the container.
2. Most specifications require test results stated in percent, but some require parts per million (ppm). To convert "percent" figures to "parts per million" move the decimal four places to the right.
3. MIL-STD-271, MIL-STD-2132 and ASME Sec V, all require that materials be subject to a procedure to evaporate off volatile solvents before analysis for Sulfur and Halogens. According to these specifications, only those residues higher than 0.005 g/100ml shall be analysed for Sulfur and Halogens. Lower residues shall be reported.
4. The above certification gives the results obtained at the time of manufacture. Age and use may alter the properties of any material.

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