# Certification

| | | | |
|---|---|---|---|
| Product Name | **14A Magnaglo Powder** | Batch Number | **26K027** |
| Date | **10/09/2026** | Best By Date | **10/2031** |
| Classification | **Fluorescent Magnetic Particle** | Purchase Order | |

It is hereby certified that when tested at the time of manufacture, the above listed material and batch number meets the requirements of the following specifications:

- ASME Boiler and Pressure Vessel Code, Section V 2007-2025 Edition, Nondestructive paragraph-731(B) and Article 25 as applicable.
- ASTM E-709-21, Paragraphs 8.1.2, 8.2, 8.3, 8.5 and 8.5.3.
- NAVSEA 250-1500-1, (Rev. 19) Paragraph 12.4.1.6.
- ASTM E-1444/E1444M-26 Para. 5.5.1-2-3
- ASTM E-3024/E3024M-22a, Para. 5.5.2-3-4
- NAVSEA T9074-AS-GIB-010/271 ( September 11, 2014 Rev 1) Paragraph 4.3.2.1 and 4.3.2.6.1
- MIL-STD-2132E, March 29, 2016, Paragraphs 6.1.3, 6.2.3, 6.2.4, 6.2.5, 6.2.6 and 6.2.7.
- SAFRAN In-5300.
- Rolls Royce RRP 58004 (CSS 231)

**Specifications** **AMS 3044H**

When tested according to paragraph 4.3.2, Sampling Plan A, the following test results were obtained:

| Test | Section | Requirement | Result |
|---|---|---|---|
| Contamination | 3.2.1 | No foreign material, agglomeration, scum | Conforms |
| Color | 3.2.2 | Fluorescence: Yellow Green | Conforms |
| Particle Size | 3.2.3 | Pass #325 sieve: 98% minimum | Conforms |
| Sensitivity | 3.2.5.1 | 7 hole indications shown | Conforms |
| Durability | 3.2.4 | Retain initial sensitivity (show 7 hole indications), color and brightness | Conforms |

It is further certified that this material does not contain mercury as a basic element and that no mercury bearing equipment has been used in its manufacture.

Batch Numbers appear on labels of bulk containers and on bottoms of aerosol cans.

Laurie Marx
Quality Control Manager



Magnaflux
155 Harlem Ave.
Glenview, IL 60025
P: 1-847-657-5300

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**Specifications:** **ISO 9934-2:2015**

- 5.4.3 Table 3

| Individual Property | Section | Requirement | Result |
|---|---|---|---|
| Performance | 7.1 | Performance on reference block 1 compared to standard photo. Determination of lengths of reference block 2 | PASS<br>8 |
| Colour | 7.2 | Comparison with Standard Photo | PASS |
| Particle Size | 7.3 | Dl(10%)=Report<br>Da (50%)=Report<br>Du (90%)=Report | 6.41 µm<br>10.38 µm<br>15.54 µm |
| Fluorescent-Coefficient | 7.5 | Shall be within 10% of the type tested | 110.0 |
| Storage Stability | 7.13 | Expiration date on package | YES |

It is further certified that this material does not contain mercury as a basic element and that no mercury bearing equipment has been used in its manufacture.

Laurie Marx
Quality Control Manager

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 to be 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-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 analyzed 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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