MAGNAFLUX

Certification

# 14A Magnaglo Powder

Date: 05/12/2021
Purchase Order:
Batch #: 21D090

It is hereby certified that the above listed magnetic particle inspection material and batch number meets the require-ments of the following specifications:

- ASME Boiler and Pressure Vessel Code, Section V, 2004, 2007, 2010, 2013, 2015, 2017 and 2019 Edition, Nondestructive Examination, including 2005, 2006, 2008, 2009b and 2011a Addenda, Paragraph T-731(B) and Article 25 as applicable.
- ASME Boiler and Pressure Vessel Code, Section V 1995, 1998 and 2001 Edition, Nondestructive Examination, including 1995 Winder Addenda, 1999, 2000, 2002 and 2003 Addenda, Paragraphs T-752, T-731(B) and Article 25 as applicable.
- ASTM E-709-15, Paragraphs 8.1.2, 8.2, 8.3, 8.5 and 8.5.3.
- NAVSEA 250-1500-1, (Rev. 10 - June 1979, Rev. 11 - May 1983, Rev. 12 - December 1987, including ACN 2 - November 15, 1990, Rev. 13 - October 1993, including ACN 4 June 30, 1995, Rev. 16 May 9, 2003, including ACN 5, Rev. 17 September 2007 including ACN 6, and Rev. 18 August 2013) Paragraph 12.4.1.6.
- ASTM E-1444/E1444M-16 and ASTM E-3024/E3024M-16, Paragraphs 5.5.2 and 5.5.4.
- MIL-STD-271(SH) June 27, 1986, Paragraphs 4.2.7, 4.3.2.1 and 4.3.2.3, including Notice 1, June 21, 1993.
- NAVSEA T9074-AS-GIB-010/271( April 30, 1997 including Notice 1, September 11, 2014 Rev. 1) Paragraphs 4.3.2.1 and 4.3.2.6.1.
- MIL-STD-2132D, February 11, 2003, Paragraphs 6.1.3, 6.2.3, 6.2.4, 6.2.5, 6.2.6 and 6.2.7.

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.

Mathew Plamoottil
Quality Assurance Manager

Laurie Marx
Quality Control Manager

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

MAGNAFLUX

Certification

# 14A Magnaglo Powder

Date: 05/12/2021
Purchase Order:
Batch #: 21D090

It is hereby certified that the above listed fluorescent magnetic particle inspection material and batch number manufactured in May of 2021 and provided under the identified purchase order meets the requirements of Aerospace Material Specification AMS-3044G, Magnetic Particles, Fluorescent, Wet Method, Dry Powder:

| TEST | PARAGRAPH | LIMIT | 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 |

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

Mathew Plamoottil
Quality Assurance Manager

Laurie Marx
Quality Control Manager

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