

# 14A Magnaglo Powder

Date: 10/21/2016

Purchase Order:

Batch #: 16K073

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

- ASME Boiler and Pressure Vessel Code, Section V, 2004, 2007, 2010, 2013 and 2015 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, and Rev. 17 September 2007 including ACN 6) 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

# 14A Magnaglo Powder

Date: 10/21/2016

Purchase Order:

Batch #: 16K073

It is hereby certified that the above listed fluorescent magnetic particle inspection material and batch number \_\_\_\_\_ manufactured in October of 2016 \_\_\_\_\_ and provided under the identified purchase order meets the requirements of Aerospace Material Specification AMS-3044F, 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     | 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