

Date: \_\_\_\_\_

Purchase Order No: \_\_\_\_\_

We hereby certify that the Magnetic Particle Inspection Material type \_\_\_\_\_,  
Batch No. \_\_\_\_\_ meets the requirements of the following specifications:

- A. ASME Boiler and Pressure Vessel Code, Section V, 2004 & 2007 Edition, Nondestructive Examination, including 2005, 2006 & 2008 Addenda, Paragraph T-731(B) and Article 25 as applicable.
- B. ASME Boiler and Pressure Vessel Code, Section V, 1995,1998,& 2001 Edition, Nondestructive Examination including 1995 Winter addenda, 1999,2000,2002,& 2003 Addenda, Paragraph T-752 T731(B) and Article 25 as applicable.
- C. ASTM E-709-01, Paragraphs 8.1.2, 8.2,8.3, 8.5,and 8.5.3.
- D. 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
- E. ASTM E 1444-05, Paragraphs 5.8.2, 5.8.4.
- F. MIL-STD-271F(SH), 27 June 1986, Paragraphs 4.2.7, 4.3.2.1, and 4.3.2.3, including Notice 1, 21, June
- G. NAVSEEA T9074-AS-GIB-010/271, 30 April 1997 including Notice 1, Paragraph 4.3.2.1., and 4.3.2.6.1.
- H. MIL-STD-2132D, 11 February 2003 Paragraph 6.1.3, 6.2.3, 6.2.4, 6.2.5, 6.2.6, 6.2.7.

We further certify that this material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture. Batch Numbers appears on labels of bulk containers.

MAGNAFLUX®



Mathew Plamoottil - Quality Assurance Mgr.



Lynda Carle - Lab Technician.

Form No. F-1565B R-4/09



A Division of Illinois Tool Works Inc.

Date: \_\_\_\_\_

Purchase Order No. \_\_\_\_\_

We hereby certify that the fluorescent magnetic particle inspection material  
Type \_\_\_\_\_, Batch No. \_\_\_\_\_  
manufactured in \_\_\_\_\_, furnished on the above order number  
meets the requirements of Aerospace Material Specification AMS-3044F, Magnetic Particles,  
Fluorescent, Wet Method, Dry Powder.

| <u>TEST</u>          | <u>PARAGRAPH</u> | <u>LIMIT</u>  | <u>RESULT</u> |
|----------------------|------------------|---|---------------|
| <u>Contamination</u> | 3.2.1            | No foreign material,<br>agglomeration, scum                                       | Conforms      |
| <u>Color</u>         | 3.2.2            | Fluorescence: Yellow Green  | Conforms      |
| <u>Particle Size</u> | 3.2.3            | Pass #325 sieve: 98% minimum  | Conforms      |
| <u>Sensitivity</u>   | 3.2.5            | 7 Hole indications shown  | Conforms      |
| <u>Durability</u>    | 3.2.4            | Retain initial sensitivity,<br>(show 7 hole indications),<br>color and brightness | Conforms      |

MAGNAFLUX®

Mathew Plamoottil - Quality Assurance Mgr.

Lynda Carle - Lab Technician.

Form No. F-1570 R-1/09 AMS-14A & 20B

3624 WEST LAKE AVENUE ■ GLENVIEW, ILLINOIS 60025 ■ TEL (847) 657-5300 ■ FAX (847) 657-5388

www.magnaflux.com