



A Division of Illinois Tool Works Inc.

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. NAVSEA 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

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

www.magnaflux.com



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, 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, (show 7 hole indications), color and brightness	Conforms

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Mathew Plamoottil - Quality Assurance Mgr.

Lynda Carle - Lab Technician.

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

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