

BATCH TEST CERTIFICATE

We hereby certify that the magnetic particle inspection type

MAGNAGLO 14A, BATCH NO: : 09K54 MFD IN: : October,2009

meets the requirements of the following specifications:

- A) **ASME Boiler and Pressure Vessel Code, 2004 & 2007 Edition, Section V, Nondestructive Examination, including 2006 & 2008 Addenda, Article 6 Paragraph T -752 & T-731(B) and Article 25 as applicable.**
- B) **ASME Boiler and Pressure Vessel Code, 1995,1998 & 2001 Edition, Section V, Nondestructive Examination including 1999,2000,2002,2003 & 2005 Addenda, Article 6 Paragraph T-752 & T-731(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) **Meets the requirements of Aerospace Material Specification AMS-3044E, 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

We further certify that this material does not contain mercury as a basic element and no mercury bearing equipment was used in manufacture.



(for **MANAGER QUALITY CONTROL**)

ITW Chemin. ITW India Ltd., PLOT NO 34-37, PHASE 2, APIIC, PASHAMMYLARAM, MEDAK - 502 307.

www.magnafluxindia.com