Carrier II

Date: 10/10/2023
Purchase Order:
Batch #: 23K016

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, 2019 and 2021 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-709-21, Paragraphs 8.1.3, 8.5.4, 8.5.4.1 and 8.5.5.
- ASTM E-1444/E1444M-22a Para 5.5.2 and ASTM E-3024/E3024M-22a, and 5.5.3
- NAVSEA 250-1500-1, Rev 18, August 2013, Para. 12.4.1.6., 12.4.2.3, 12.4.2.3.1, and 12.4.2.3.2.
- NAVSEA T9074-AS-GIB-010/271 (April 30, 1997 including Notice 1, September 11, 2014 Rev 1) Paragraphs 4.3.2.2, 4.3.2.3, 4.3.2.4 and 4.3.2.6.1.including Notice 1..
- MIL-STD-2132E, March 29, 2016 Paragraphs 6.1.3, 6.2.3, 6.2.4, 6.2.5, 6.2.6 and 6.2.7.
- The flash point of the material is over 200º F when tested by the Pensky-Marten's Closed Cup Method (ASTM D-93).
- The vehicle meets the requirements of A-A-59230, July 7, 1998 including Notice 1,2,3,4.
- The vehicle meets the requirements of AMS 2641D, Rev. 2020-10. The vehicle is classified as Type 1 according to paragraph 1.3.

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

Date: 10/10/2023

Purchase Order:

VENDOR'S REPORT - TEST RESULT

Please forward in duplicate to:
REPORTS, MATERIALS CONTROL LABORATORY
PRATT & WHITNEY
(Plant to which material is shipped)

This is to certify that Paragraph Number(s)_____ apply to the shipment below: (insert at least one of the first 4, plus 5 if applicable).

1. (Applicable to all raw material, to parts made from raw material furnished or purchased by vendor, or to assemblies of which some or all components are made from raw material furnished or purchased by vendor.) Material, parts, or components of assemblies have been inspected and accepted to the specifications involved, and results of tests required by Pratt & Whitney Aircraft are shown herein.

2. (Applicable to parts or assembly components made from raw material furnished by Pratt & Whitney Aircraft and not chemically or metallurgically treated by vendor so as to change surface or internal condition significantly.) Parts or assemblies have been machined or formed from material furnished by Pratt & Whitney Aircraft, to make these parts or components of assemblies.

3. (Applicable to parts or assembly components made from raw material furnished by Pratt & Whitney Aircraft and chemically or metallurgically treated by vendor so as to change surface or internal condition significantly.) Parts of components of assemblies have been made from raw material furnished by Pratt & Whitey Aircraft to make these parts or components of assemblies. Parts, components of assemblies have been inspected and accepted to the specifications involved, and results of tests required by Pratt & Whitney Aircraft are as show herein.

4. (Applicable to repaired or reworked raw material, parts or assemblies.) The raw materials, parts or assemblies have been reworked or repaired in accordance with Pratt & Whitney Aircraft Instructions, and are the same material, parts or assemblies returned for such reworking or repair, except for replacement of assembly components, in which case paragraphs 1 and 5 are also applicable.

5. (Applicable to all assemblies, and to parts when specifically authorized by purchaser.) Results of all chemical and physical tests not shown below, as well as all other evidence which shows acceptability of raw materials and assembly components, are on file and available for inspection at any reasonable time.

PART OR ASS'Y NO. (Size if no Part No.)	CHG. LTR.	SUF. NO.	SPECIFICATIONS, AS ORDERED
PMC 1887AE		1	PWA 300 Rev. BT

QUANTITY	DATE SHIPPED	LOCATION OF PWA PLANT TO SHIPPED TO	PACK SLIP NO.	P.O. NO.

HEAT, LOT, CODE OR BATCH NO.	RAW MATERIAL VENDOR	TYPE-COMPOUND OR CASTING	PWA HEAT CODES (if required)
Batch No. 23K016		Carrier II	

If materials, parts or assemblies do not entirely conform to specification requirements, the deviation and authority for furnishing such materials are indicated below:

RESULTS OF TESTS (Use reverse side if necessary)

PHYSICAL PROPERTIES	ACCEPTED VALUE	PMC LIMITS (MINIMUM)	PMC LIMITS (MAXIMUM)
Flash Point	237	200º F	--
Viscosity @100F	2.82	--	3.0 CS
Water Content	NA	--	--
Fluorescent Brightness	NA	90%	110 %
AMS 2641	PASS	--	MEETS

CHEMCAL PROPERTIES	ACCEPTED VALUE	PMC LIMITS (MINIMUM)	PMC LIMITS (MAXIMUM)
Fluoride Content	NA	--	NA
Chloride Content	NA	--	NA
Sulfur Content	NA	--	NA
Sodium Content	NA	--	NA

Magnaflux certifies that Carrier II meets the requirements of PMC 1887AE - 1

VENDOR NAME	BY (Authorizing Agent)
MAGNAFLUX	Matt Plamoottil, Quality Assurance Manager
VENDOR ADDRESS 218 Industrial Street, DeWitt, Iowa 52742	Laurie Marx, Quality Control Manager

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