



TEST REPORT

3883 E. Eagle Drive, Anaheim, CA 92807-1722 / Phone 714-630-3003 • Fax 714-630-4443

New Bodycote Company

Page 1 of 2

PTM&W Industries, Inc
 10640 South Painter Ave.
 Santa Fe Springs, Ca. 90670

OCMTL NO.: 272015 (Rev. A 03-05-09)
 DATE OF REPORT: November 30, 2007
 PURCHASE ORDER NO: 20078-A
 PHONE: 562-946-4511
 FAX: 562-941-4773

ATTN: Bill Ryan

Background:

PTM&W Industries submitted 3 samples for the purpose Flammability testing per FAA FAR Volume III, Part 25.853 (a), Appendix F, Part 1 (a) (1) (i). The samples were identified as follows:

- 1) Cured Urethane Sheet 0.043" Thick from PTM&W, Inc. PT8957, (12" X 3" X 0.043")

Reference Documents:

Flammability Test Procedure: FAR Volume III, Part 25.853 (a), Appendix F, Part 1 (a) (1) (i).
 Purchase Order Number: 20078-A

Test Date: 11-27-2007

Test Performed By: Steve Nelson

Test Procedure:

Prior to testing, each specimen was conditioned for 24 hours at a temperature of 21± 2°C and 50% ± 5% relative humidity.

The specimens were each inserted in a fixture vertically that allowed the bottom edge to be 0.75 inch above the top of the burner. A burner with a tube of 0.375 inside diameter was used. The gas-adjusting valve was set to provide a vertical flame of 1.50 inch in height with methane gas. Minimum flame temperature must be 1550°F.

Flame was applied for 60 seconds then removed. Flame time, burn length and flaming time of drippings, if any, were recorded.

The following observations, measurements and calculations were made.

TEST RESULTS:

Flammability Test Data Per FAR Volume III, Part 25.853 (a), Appendix F, Part 1 (a) (1) (i).

	Sample #3	Sample #4	Sample #5	Average	Requirements
Flame Temp Degrees F.	1610	1610	1610	1610	1550°F minimum
Flaming Particles	None	None	None	None	
Flaming Drippings	None	None	None	None	Average Drip Extinguish Time 3 Seconds Max
Burn Length Inches	4.50	4.75	2.00	3.75	Average Burn Length 6 Inches Max
Flame Extinguish Time Seconds	0	0	0	0	Average Extinguish Time 15 Seconds Max



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OBSERVATIONS:

On all three samples tested, there were no flaming particles or drippings and the flame self extinguished before the 60 second flame time was completed. Sample #4 developed a crack from the end of the burn area extending to a length of 7.375". This crack developed when removed from specimen holder. Even including this crack the average (4.625") was still below the maximum allowable 6 inches.

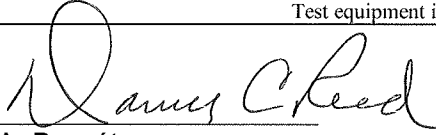

CONCLUSION:

The Samples tested met the requirements of FAR Volume III, Part 25.853 (a), Appendix F, Part 1 (a) (1) (i)

Calibration of Equipment Used:

EQUIPMENT:	CONTROL NUMBER:	CALIBRATION DATE:	CALIBRATION DUE:
Burn Chamber	2049	05-15-07	05-15-08
Gas Pressure Gauge	2049B	05-15-07	05-15-08
Digital Timer	2049E	05-15-07	05-15-08
Digital Temp Readout	2049A	05-15-07	05-15-08
Conditioning Chamber	1094	10-23-07	10-23-08

This is to certify that the above tests were performed in accordance with the terms of the purchase order requirements.
Test equipment is calibrated with standards traceable to the NIST.

John A. Brunet
Director of Quality

Test results in this report relates only to the items tested.

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