BSS 7239 TOXIC GAS TESTING FOR QUANTUM TECHNICAL ON PRECIDIUM MTI RAIL VTEC #100-5376-3 TESTED: NOVEMBER 1, 2016



VTEC Laboratories Inc.

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Client:	Quantum Technical
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Attention: Tony LaGrange

Subject:

Measure amount of toxic gas generation per BSS 7239 specification.

Test Description:

The gas analysis was made after 4 minutes of exposure to 2.5 w/cm² in the flaming mode. Colorimetric Gas Detector Tubes were used in the toxic gas analysis.

Disclaimer:

This test result alone does not assess the fire hazard of the material, or a product made from this material, under actual fire conditions. Consequently, the results of this test alone are not to be quoted in support of claims with respect to the fire hazard of the material or product under actual fire conditions. The results when used alone are only to be used for research and development, quality control and material specifications.

NOTICE: VTEC Laboratories Inc. will not be liable for any loss or damage resulting from the use of the data in this report, in excess of the invoice. This report pertains to the sample tested only. Such report shall not be interpreted to be a warranty, either expressed or implied as to the suitability of fitness of said sample for such uses or applications, as the party contracting for the report may apply such sample.

Material Tested:

- 1) Product Description:
- 2) Supplier:
- 3) Color:
- 4) Specimen Composition:
- 5) Average Thickness:

PRECIDIUM MTI Rail Quantum Technical Gray, Black and White Heterogeneous 0.25 in.

Results:

	SPECIMEN #1	SPECIMEN #2		
WEIGHT (g)	143.8	143.6		
	CORRECTED	CORRECTED	AVERAGE	STD. DEVIATION
GAS	РРМ	РРМ	PPM	PPM
со	500	500	500.0	0.000
HCN	40	50	45.0	7.071
SO ₂	20	20	20.0	0.000
HCL	6	10	8.0	2.828
HF	20	25	22.5	3.536
NO	100	140	120.0	28.284
NO ₂	4	6	5.0	1.414
AMBIENT TEMPERATURE:		71.2 deg. F		
RELATIVE HUMIDITY:		41%		
BAROMETRIC PRESSURE:		30.33 Inches of Me	rcury	

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