ASTM E648 TESTING
FOR
QUANTUM TECHNICAL
ON
MTI RAIL FLOOR
VTEC #100-5376-6
TESTED: NOVEMBER 22, 2016

VTEC Laboratories Inc.

November 23, 2016

Client: Quantum Technical
15 Riel Drive
St. Albert, AB T8N 3Z2 CANADA

Attention: Mr. Tony LaGrange

SUBJECT:

Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source according to ASTM E648 specification.

DISCLAIMER:

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Material Tested:

1) Product Description:	MTI Bus Floor
2) Supplier:	Quantum Technical
3) Specimen Composition:	Coated on metal
4) Average Thickness:	0.244 in.
5) Color:	Grey
6) Method of Mounting:	Self-supporting
7) Flux Profile Date:	11/17/16
8) Days in Conditioning:	10

Test Results:

	Sample #1	Sample #2	Sample #3
1) Specimen preheat Time (mins)	5:00	5:00	5:00
2) Initial Chamber Temperature (°C)	129	128	129
3) Total Burn Length (cm)	5.0	5.9	5.0
4) Time to Maximum Burn Length (min)	10.13	10.11	10.18
5) Critical Radiant Flux (W/cm^2)	**0.94**	**0.93**	**0.94**
6) Average Critical Radiant Flux (W/cm^2)	0.93		
7) Standard Deviation	0.00		
8) Coefficient of Variation (%)	0.42		

Observations:

Blistering during the 5:00 preheat

Neil Schultz
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