

June 21, 2005

# INITIAL 52.2 TEST REPORT

## LMS Technologies, Inc.

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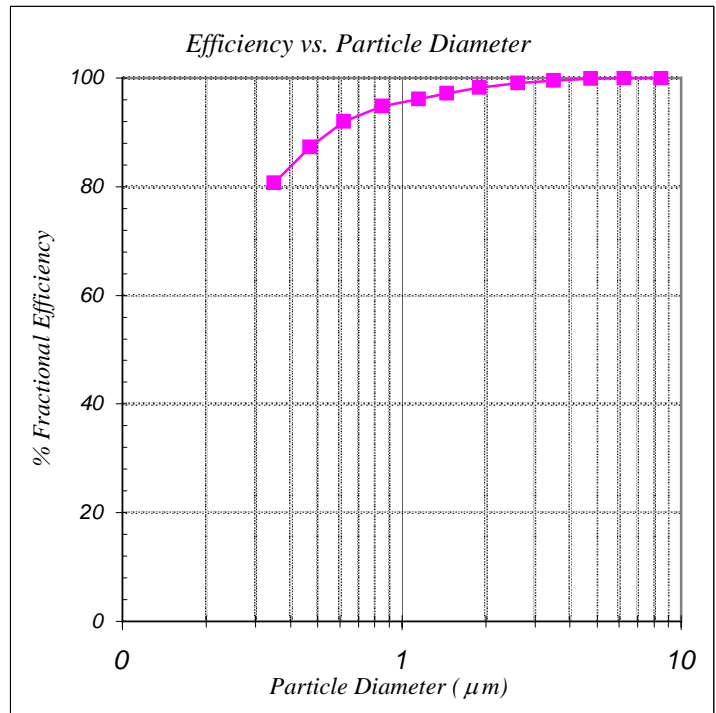
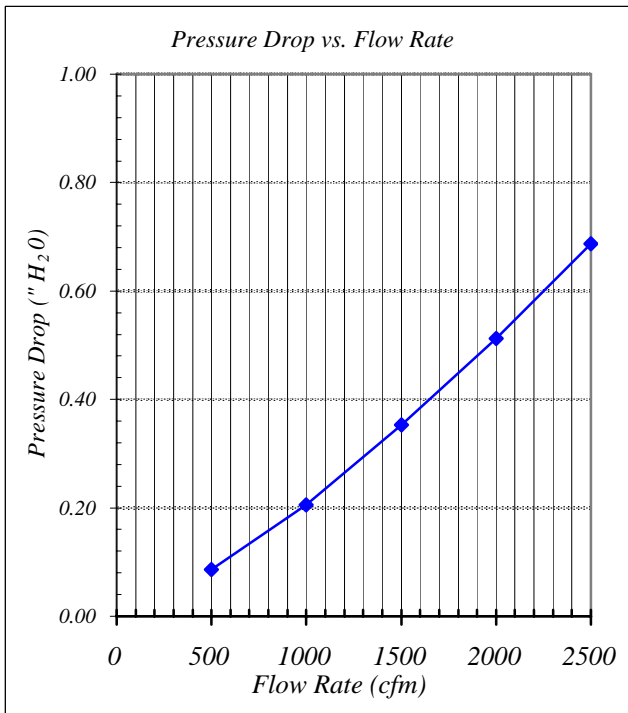
**Test Type :** Fractional Efficiency  
**Test Number:** T062105B  
**Flow Rate/Velocity:** 2000cfm  
**Test Aerosol:** KCL Neutralized  
**Filter size:** 24x24x12

**Test Requested by:** AAF International  
**Media Manufacturer:**  
**Filter Manufacturer:**  
**Media/Filter ID Number:** VariCel RF 90%-95% SH

Flow Rate (cfm)	DP "H <sub>2</sub> O
500.0	0.087
1000.0	0.206
1500.0	0.353
2000.0	0.512
2500.0	0.687

Size Range (mm)	Initial Fractional Efficiency(%)
0.3-0.4	80.7
0.4-0.55	87.3
0.55-0.7	92.0
0.7-1.0	94.8
1.0-1.3	96.1
1.3-1.6	97.2
1.6-2.2	98.2
2.2-3.0	99.0
3.0-4.0	99.5
4.0-5.5	99.9
5.5-7.0	100.0
7.0-10.0	100.0

Based on initial efficiencies, Minimum Efficiency Reporting Value (MERV) = 15



TEST SUPERVISOR  
MICK FLOM \_\_\_\_\_

ENGINEERING APPROVAL  
K.C. KWOK, PH.D. \_\_\_\_\_