March 31, 2011

LMS# 1209

INITIAL 52.2 TEST REPORT
LMS Technologies, Inc.

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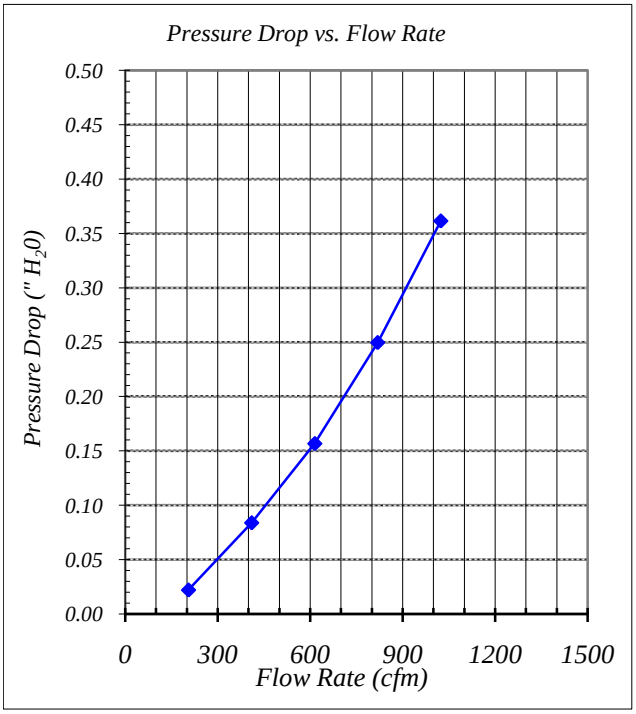
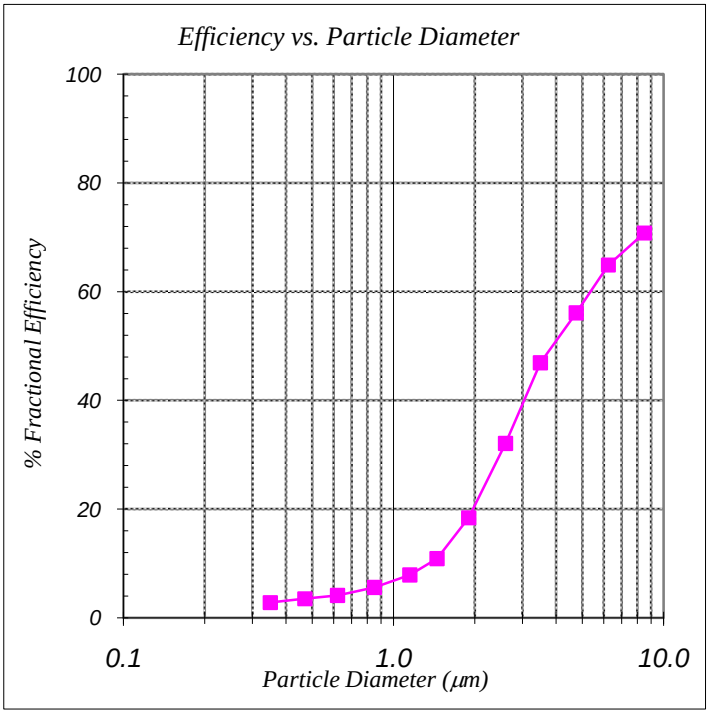
Test Type :	Initial 52.2	**Test Requested by:**	PolenTEC
Test Number:	T033111A	**Media Manufacturer:**	
Flow Rate/Velocity:	819 cfm/295 fpm	**Filter Manufacturer:**	PolenTEC
Test Aerosol:	KCl, Neutralized	**Media/Filter ID Number:**	NA
Filter size:	20" x 20", panel	**Filter Description:**	PollenTEC & Polly-Flo media

MERV 7

Flow Rate (cfm)	DP "H_2O
205	0.022
410	0.084
615	0.157
819	0.250
1024	0.361

Size Range (μm)	**Initial** Fractional Efficiency(%)
0.3-0.4	2.8
0.4-0.55	3.5
0.55-0.7	4.1
0.7-1.0	5.6
1.0-1.3	7.9
1.3-1.6	10.9
1.6-2.2	18.4
2.2-3.0	32.1
3.0-4.0	46.9
4.0-5.5	56.1
5.5-7.0	64.9
7.0-10.0	70.8





TEST SUPERVISOR
Emile Tadros_____

ENGINEERING APPROVAL
K.C. KWOK, PH.D._____