

PAINT ARRESTANCE FILTER TEST REPORT
 Spray Removal Efficiency and Paint Holding Capacity
 BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Filter Tested

Manufacturer: AFX Manufacturing
 Product Name: AFX Standard Filter
 Model No. STD Series

Test Information

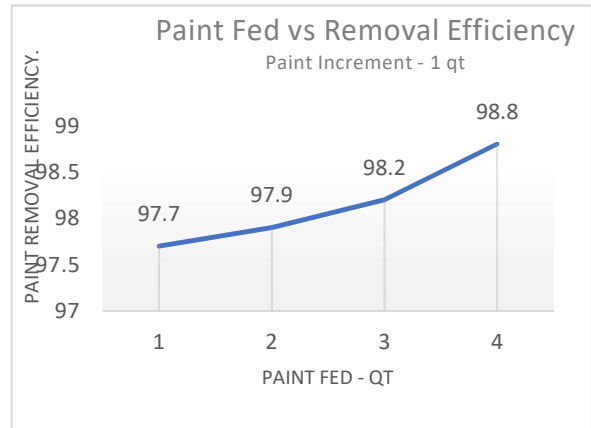
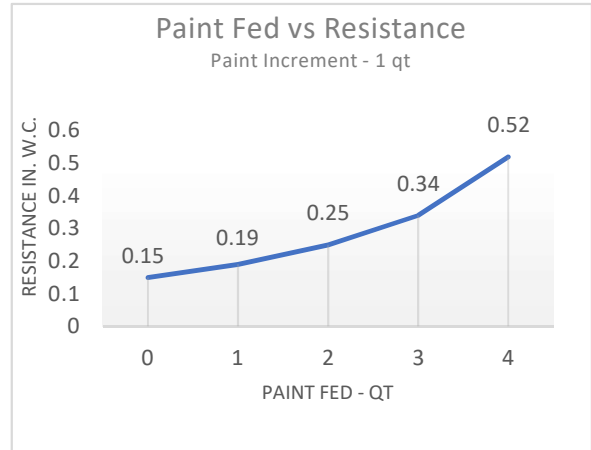
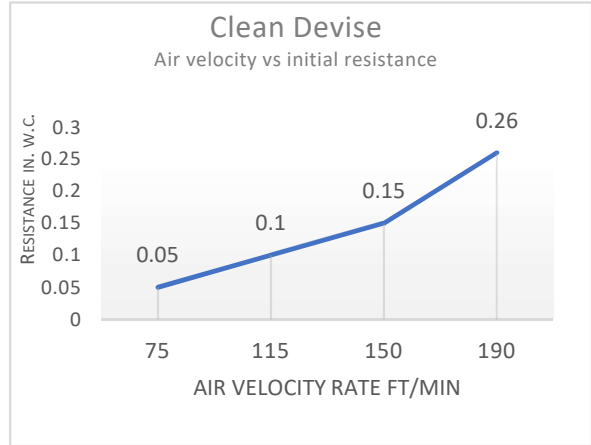
Filter Description: 20"x 20" Paper Accordion
 Paint Description: High Solids Baking Enamel
 SW Permaclad 2400, Grey
 Spray Method: Conventional Air at 40 PSI
 Feed Rate: 140 g/min
 Air Velocity: 150 FPM

Test Results:

Initial Pressure Drop 0.14 in. w.c.
 Final Pressure Drop 0.52 in. w.c.
 Weight Gain - Tested Filter 3010.1 g
 Weight Gain - Final Filter 53.55 g
 Total Weight - Paint Fed 3063.65 g
 Average Efficiency 98.3 %
 Paint Holding Capacity 3010 g



Test Engineer: Carl S. Richerson
 Report Date: 3/14/2017



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Filter Tested

Manufacturer: AFX Manufacturing
 Product Name: AFX Poly-Back Filter
 Model No. POLY Series

Test Information

Filter Description: 20"x 20" Paper Accordion
 With Polyester Backing
 Paint Description: High Solids Baking Enamel
 SW Permaclad 2400, Grey
 Spray Method: Conventional Air at 40 PSI
 Feed Rate: 140 g/min
 Air Velocity: 150 FPM

Test Results:

Initial Pressure Drop 0.23 in. w.c.
 Final Pressure Drop 0.69 in. w.c.
 Weight Gain - Tested Filter 3055.1 g
 Weight Gain - Final Filter 19.71 g
 Total Weight - Paint Fed 3074.81 g
 Average Efficiency 99.4 %
 Paint Holding Capacity 3055 g



Test Engineer: Carl S. Richerson
 Report Date: 3/15/2017

