

PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Tested for: **A. J. Dralle**
Filter Mfr.: **A. J. Dralle**
Filter Name/Model: **CPA Pad**
Report#./Test#: **R 752 T 852**
Report Date: **Aug. 28, 09**

Test Information

FILTER DESCRIPTION (20" x 20" pad)

White highloft poly pad

PAINT DESCRIPTION:

High Solids Baking Enamel (S.W. Permaclad 2400, red)

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

135 gr./min. 127 cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.05 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.50 in. water

WEIGHT GAIN OF FILTER & TEST FRAME TROUGH

1923 grams

PAINT HOLDING CAPACITY of TEST FILTER

1835 grams = 4.0 lbs.

PAINT RUN-OFF

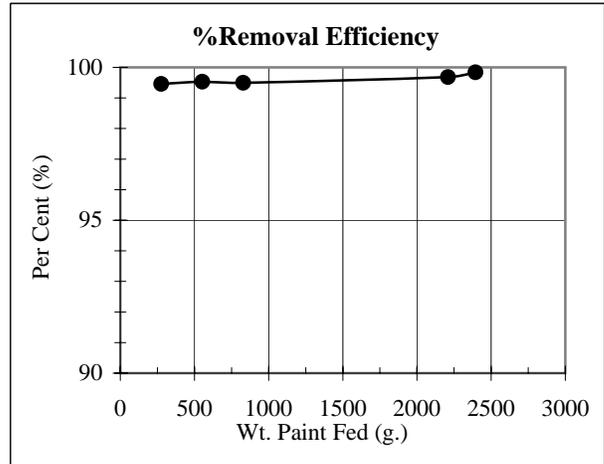
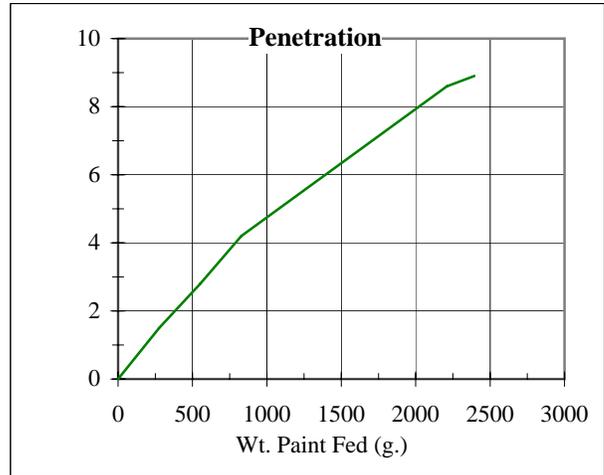
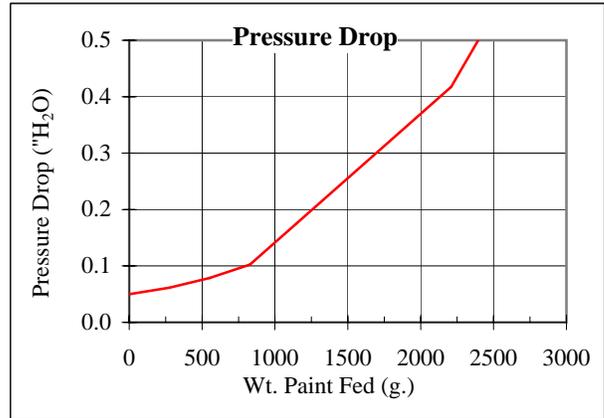
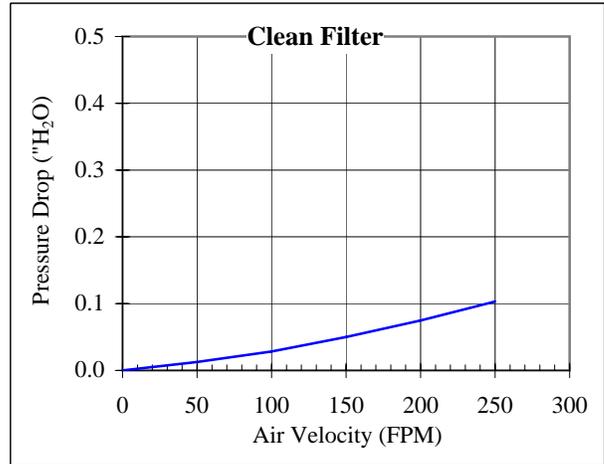
88 grams

WEIGHT GAIN - FINAL FILTER

8.9 grams = PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.54 %



Test Engineer: Todd Kruger

Supervising Engineer: K. C. Kwok, Ph.D.