

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: **PPA**
Report#./Test# **R758 T 858**
Report Date: **August 30, 2009**

Test Information

FILTER DESCRIPTION:

Purple on white 2 pockets highloft poly bag (20"x20"x15")

PAINT DESCRIPTION:

High Solids Baking Enamel (S.W. #1 Permaclad 2400, red)

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

139 gr./min. **130** cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.03 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.04 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

4452 grams

PAINT HOLDING CAPACITY of TEST FILTER

3782 grams = **8.3** lbs.

PAINT RUN-OFF

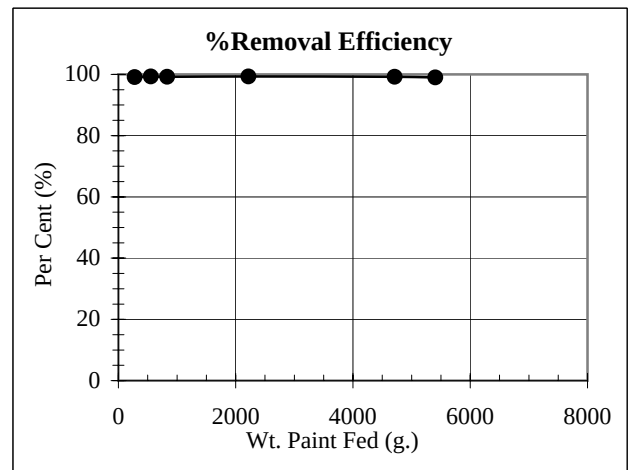
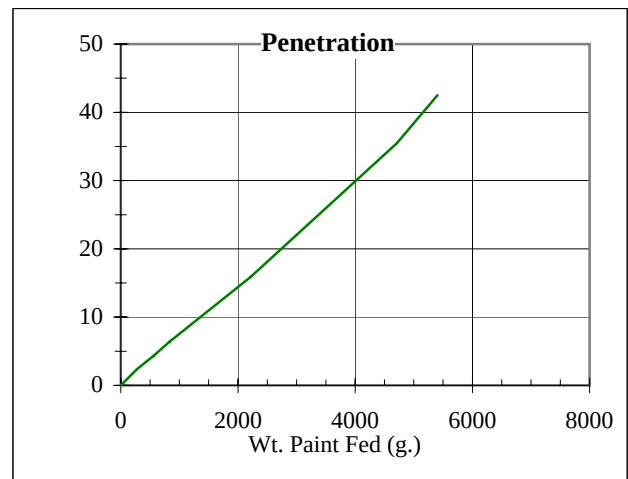
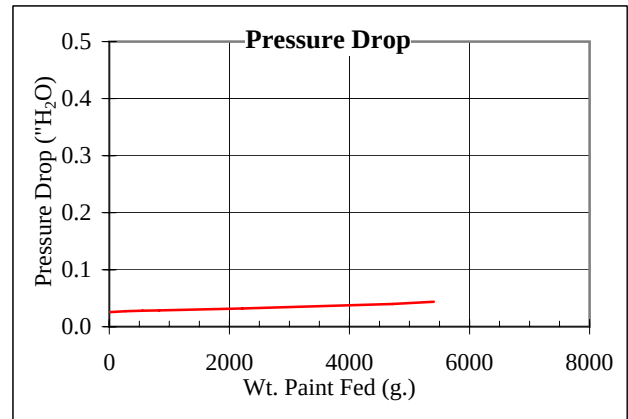
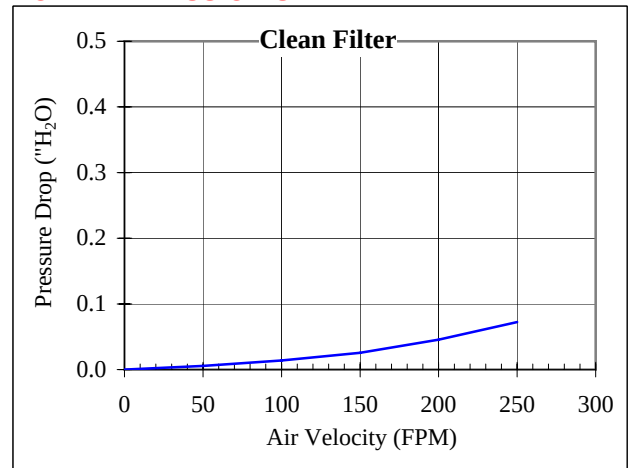
670 grams

WEIGHT GAIN on FINAL FILTER

42.5 grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.05 %



Test Engineer: Todd Kruger

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