

PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Tested for: Chemco Mfg. Co.
Filter Mfr.: Chemco Mfg. Co.
Filter Name/Model: Chemloft
Report#/Test#: R 835 T 935
Report Date: April 21, 2010

Test Information

FILTER DESCRIPTION (20" x 20" pad):

White on white highloft poly pad

PAINT DESCRIPTION:

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

PAINT SPRAY METHOD:

Conventional Air Gun at 45 PSI

SPRAY FEED RATE:

142 gr./min.

135 cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.06 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.50 in. water

WEIGHT GAIN OF FILTER & TEST FRAME THROUGH

934 grams

PAINT HOLDING CAPACITY of TEST FILTER

846 grams = 1.9 lbs.

PAINT RUN-OFF

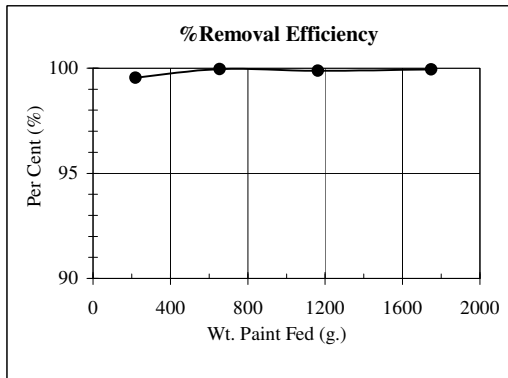
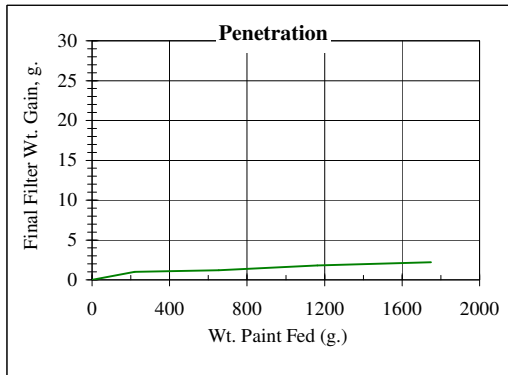
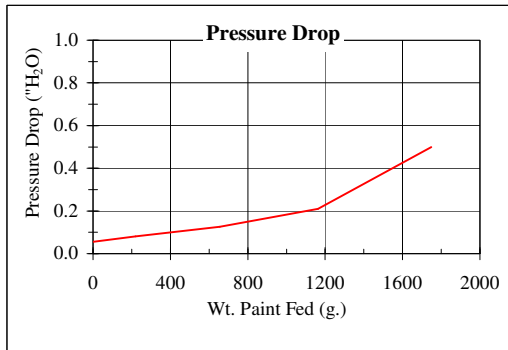
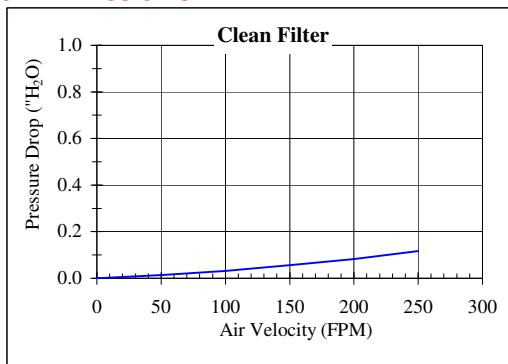
88 grams

WEIGHT GAIN - FINAL FILTER

2.2 grams = PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.77 %



Test Engineer: Al Vatine

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