

PAINT ARRESTANCE FILTER TEST REPORT
 Spray Removal Efficiency & Paint Holding Capacity

Tested for: Chemco Mfg.
 Filter Mfr.: Chemco Mfg.
 Filter Name: PD
 Report#/Test# **R 660 T 760**
 Report Date: **March 16, 2005**

Test Information

FILTER DESCRIPTION:

White/Green highloft fiberglass

PAINT DESCRIPTION:

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

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

137 gr./min. **130** cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.02 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.14 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

3925 grams

PAINT HOLDING CAPACITY of TEST FILTER

1073 grams = **2.4** lbs.

PAINT RUN-OFF

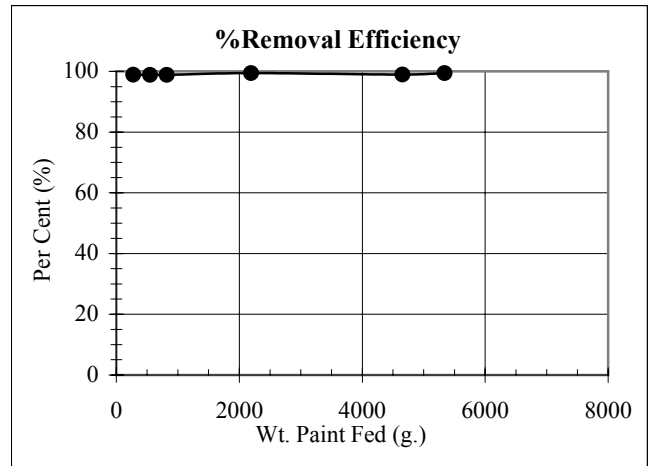
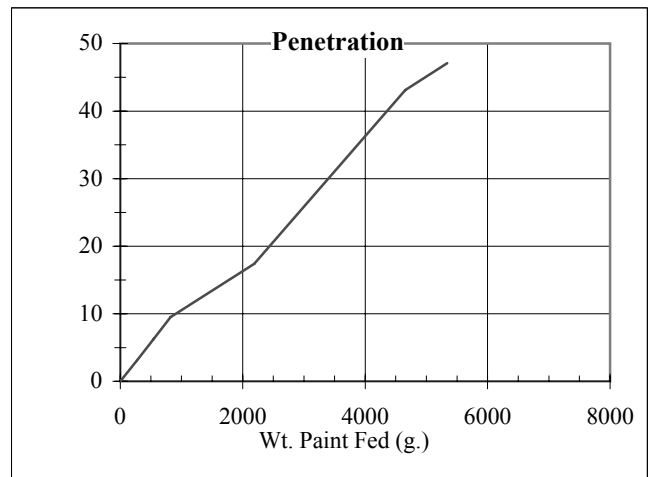
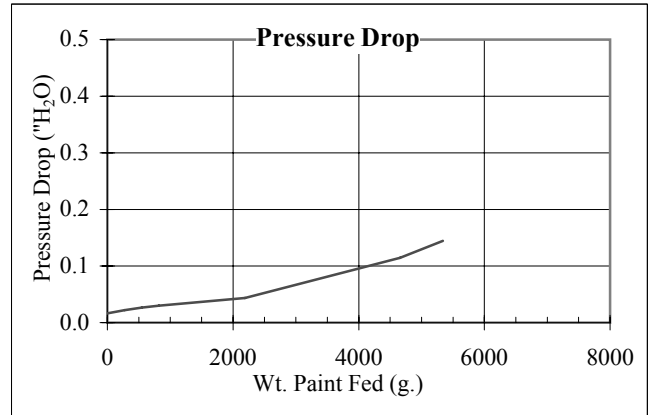
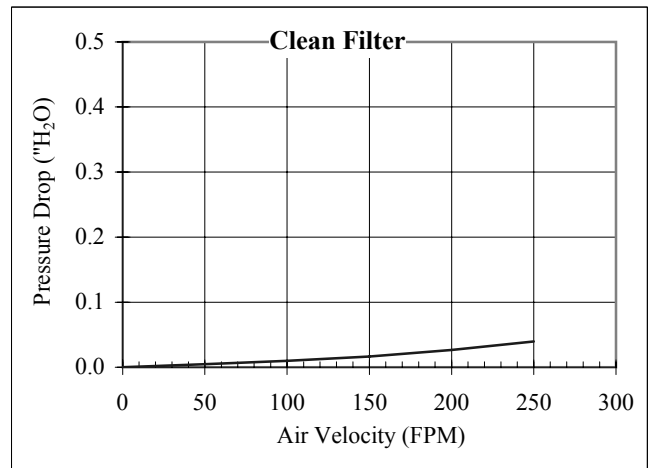
2852 grams

WEIGHT GAIN on FINAL FILTER

47.1 grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

98.81 %



Test Engineer: Todd Kruger
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