



FARR APC
Air Pollution Control

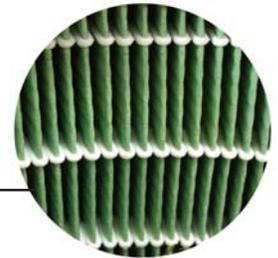


Case Study

HemiPleat™ Puts on Snow Plow Maker's Dust Issues on Ice

Product: Gold Series Collector, HemiPleat™ Filters
Size: GS10 Designed for 4,000 CFM
Application: Plasma Cutting
Customer: Fisher Snow Plow - Rockland, ME
Representative: Brennan Environmental

HemiPleat™



Challenge

Fisher Snow Plow uses a plasma tables to cut 3/8" to 1/2" carbon steel parts in their snowplow manufacturing operation. Farr dealer Dave Brennan of Brennan Environmental sold them a Farr Gold Series to replace a Torit unit that never worked well. Installed in July 2004, the GS10 was equipped with PTF cartridges totaling 4,250 square feet of media, producing a 0.94:1 air to cloth ratio for the 4000 CFM air volume. The customer was delighted that they no longer had to replace the Torit cartridges every 3 to 4 months.

After the GS10 was installed, Fisher Snowplow went to a 24/7 operation, substantially increasing the loading concentration. This resulted in the GS10 not being able to clean down appropriately with the standard cartridges.

Solution

Dave and Farr regional manager Tomm Frungillo worked closely with Fisher Snow Plow to address the increased dust loading and subsequent problems. The modular design of the Gold Series allowed an additional GS10 to be bolted on, making it a GS20. HemiPleat™ HMPTF325 filter cartridges were selected for their improved capability for dust release, thanks to the wide and uniform pleat spacing.

Since this change was made in November 2004, this unit has been running steady at 2" w.g., maintaining the required 4,000 CFM to fully evacuate the plasma table. Fisher Snow Plow is pleased that this solution has resulted in no rise in pressure drop and no loss of suction at the table.

For further information regarding this application, contact Farr dealer Dave Brennan of Brennan Environmental, Inc. at 800-396-2144 or Farr Regional Manger Tomm Frungillo at 336-855-9270.

