

# INTEGRATED SAFETY MONITORING FILTER (iSMF)

New Installation Inspection and Acceptance Guidelines



**The iSMF is provided by Camfil APC factory installed.** There are very few items that need to be verified prior to start up commissioning. These items should be inspected prior to start up, after filter replacement and annually as part of your routine inspection and maintenance program for equipment handling combustible dusts.

x	INSPECTION ITEM
	1. With system running, record pressure drop across filters. Replace filters if pressure drop is about 3 in wg.
	2. Open all doors to the iSMF.
	3. Confirm that all clamp bars are in the closed position
	4. With a flash light, confirm that all filters are present.
	5. With a flash light, confirm that all filters are properly set on the clamp rails.
	6. Inspect door gaskets for damage and replace as needed.
	7. Inspect for debris in the iSMF plenum and remove it if present.
	8. If debris is present in the iSMF, you must determine how the debris entered the iSMF. Open primary filter doors and repeat steps 3 through 6.
	9. Close all doors and engage latches.
	10. Inspect ¼" plastic pressure gauge hoses connected to the iSMF for leaks and cracks.

Inspected by: \_\_\_\_\_ Date: \_\_\_\_\_