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Cartridge Filter Competitive Information and Process Questionnaire

Filtration-Key Required Information

Customer Name & location: _____

Salesman Name: _____

If existing competitive filtration is in place:

1. Manufacturer name _____ Product Brand name _____
2. Product model description _____ Pleated or Depth _____
3. Micron rating (indicate if absolute or nominal) _____ micron
4. Cartridge Dimensions: Overall length _____ in. OD (outer diameter) _____ in.
5. Type of end adapters: open end, closed end, o-ring (222,226, 213, etc), fin, gasket, etc. _____
6. Media composition (cotton string, resin bond, polypropylene, pleated, PTFE, Nylon, metal, glass, etc)

7. If in a housing, what type of housing (manufacturer) _____ and how many filters are in each housing _____
8. Estimate on cost of the competitive filter element in consideration \$ _____
9. Typical life of the filter (days in operation, gallons processed, etc.) _____ and total number of the filters consumed. _____
10. If available, a manufacturer's product specification sheet is highly valuable.

Information regarding the fluid application

1. Type of fluid being filtered. _____ Application/Filtration objective _____
The chemical composition will be needed in order to determine chemical compatibility with filter media; therefore the chemical composition is important:
2. Temperature of fluid – max (critical) _____ F or C and operating _____ F or C
3. Viscosity of fluid. _____ pH of fluid _____
4. Level of Suspended Solids _____ (ppm, mg/L, or SDI)
5. Operating pressure, _____ psig/bar
6. Max differential pressure across the filter element, _____ psid/bar
7. Terminal pressure-drop point in which the filter change-out is required. _____ psi/bar
8. Total fluid flow, _____ gpm/m3/hr
9. If a multi-round housing is in place, the number of filters and length of those filters are needed.
_____ number, _____ length (in)
10. Desired removal rate (micron size). Establish true quantitative objective of filtering the fluid—this should be correlated back to particle micron retention. _____ micron

11. Nature of contaminant—any information on the problematic particles in the fluid stream is valuable. _____
12. Nature of the process: batch or continuous.
13. Please attach flow schematic if possible.