



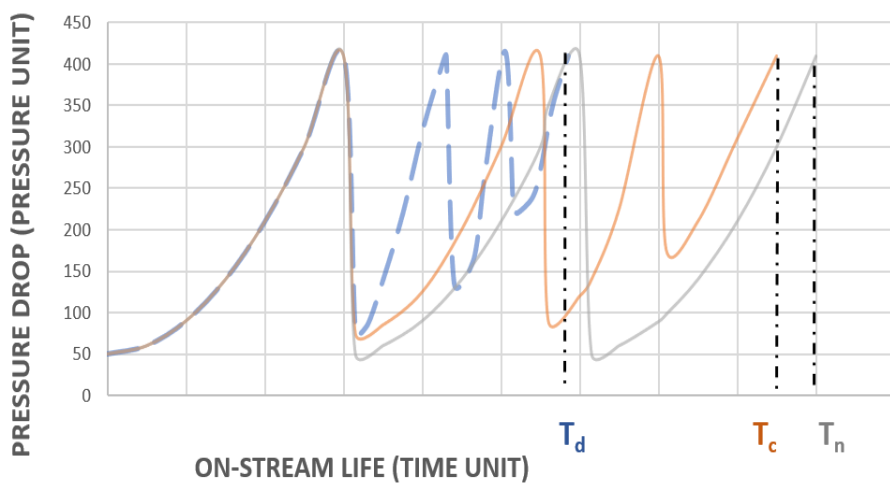
CAROLINA FILTERS

TECHNICAL EXPERTS. ENGINEERED SOLUTIONS.

Cleanliness Testing for Metal Filters

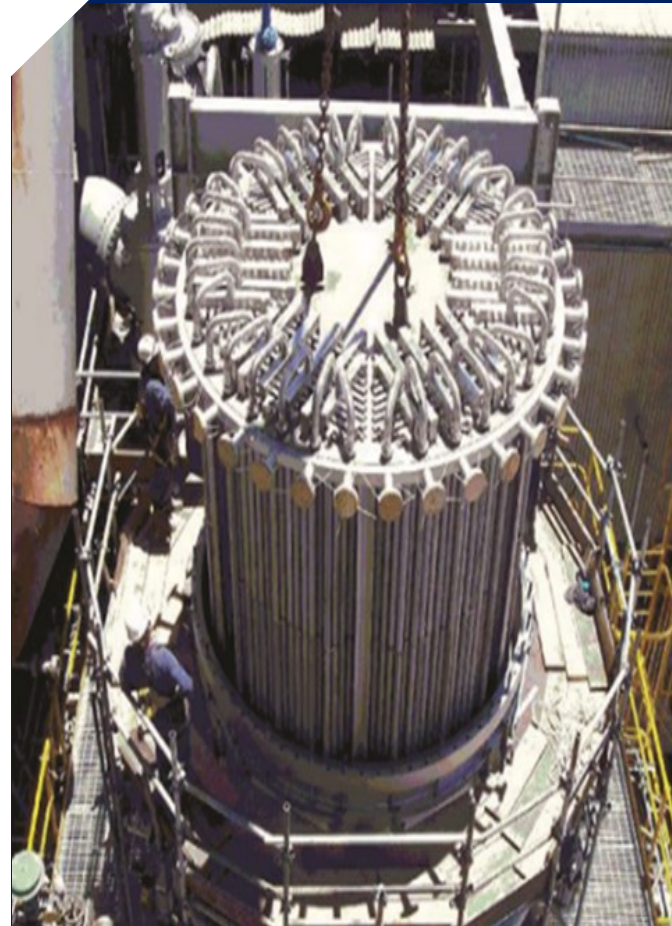
Quantifying the degree of cleanliness in porous metal blowback filters

On-Stream Pressure vs Time Graph



ON-STREAM LIFE (TIME UNIT)

- Ineffective Backflush results in degradation of on-stream life or media plugging (High DAP's, <90% Recovery & short filter life)
- After Appropriate Cleaning - Return to "Like New" Performance (Low DAP, 90%+ Recovery & increased filter life)
- New Filter Performance (Low DAP, 100%+Recovery)



Dry Air ΔP (DAP) Testing

Uses pressure drop created across a porous metal cartridge to quantify restriction related to pore structure and embedded contamination within the media matrix.