



Unique Design & Engineering
Approaches for Dust Collection
and Pneumatic Conveying

CAMCORP's Food, Pharmaceutical and Chemical Grade Stainless Steel Fabrication Capabilities

CAMCORP fabricates our equipment to meet most food, pharmaceutical and chemical grade requirements when required. CAMCORP understands that there are many variations to sanitary design principals when it comes to fabricating equipment. What one customer's expectations of a sanitary finish is may not meet another customer's expectations. One plant may accept carbon steel equipment that has a food-grade epoxy paint system where another plant's requirements are stainless steel product contact with welds cleaned of smoke and yet another plant's requirements may be 100% stainless steel equipment with welds ground smooth and polished to 320-Grit. CAMCORP is capable of accomplishing any of these desired finishes.



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We Understand Sanitary Requirements!

CAMCORP is fully capable of obtaining any of the weld specifications listed in the chart below. It is important to know your plant's sanitary design requirements and specifications when requesting equipment. CAMCORP has fabricated food grade equipment ranging from carbon steel that is coated with a food grade epoxy to stainless steel sheets that have a #4 finish with continuous welds that are ground smooth and polished to a 320-grit finish. There is a major cost difference between these two types of finishes and there are several levels of quality between these two extremes.

	Product Contact	Gas Contact	Non-Product Contact
Material of Construction	Carbon Steel	Carbon Steel	Carbon Steel
	304 Stainless Steel (2B Sheet)	304 Stainless Steel (2B Sheet)	304 Stainless Steel (2B Sheet)
	304 Stainless Steel (#4 Finish)	304 Stainless Steel (#4 Finish)	304 Stainless Steel (#4 Finish)
	316L Stainless Steel (2B Sheet)	316L Stainless Steel (2B Sheet)	316L Stainless Steel (2B Sheet)
	316L Stainless Steel (#4 Finish)	316L Stainless Steel (#4 Finish)	316L Stainless Steel (#4 Finish)
Paint for Carbon Steel		Painted with Industrial Enamel	Painted with Industrial Enamel
	Painted with Food Grade Epoxy	Painted with Food Grade Epoxy	Painted with Food Grade Epoxy
		Painted with Industrial Epoxy	Painted with Industrial Epoxy
			Painted with STEEL-IT Paint System
Weld Requirements	Continuously Welded	Continuously Welded	Continuously Welded
	Cleaned of Smoke & Spatter	Cleaned of Smoke & Spatter	Cleaned of Smoke & Spatter
	Ground Smooth but Not Polished	Ground Smooth but Not Polished	Ground Smooth but Not Polished
	Ground & Polished to 80 Grit Finish	Ground & Polished to 80 Grit Finish	Ground & Polished to 80 Grit Finish
	Ground & Polished to 120 Grit Finish	Ground & Polished to 120 Grit Finish	Ground & Polished to 120 Grit Finish
	Ground & Polished to 150 Grit Finish	Ground & Polished to 150 Grit Finish	Ground & Polished to 150 Grit Finish
	Ground & Polished to 180 Grit Finish	Ground & Polished to 180 Grit Finish	Ground & Polished to 180 Grit Finish
	Ground & Polished to 240 Grit Finish	Ground & Polished to 240 Grit Finish	Ground & Polished to 240 Grit Finish
	Ground & Polished to 320 Grit Finish	Ground & Polished to 320 Grit Finish	Ground & Polished to 320 Grit Finish
Miscellaneous	Glass Bead Blast	Glass Bead Blast	Glass Bead Blast
	Passivation of Welds	Passivation of Welds	Passivation of Welds
	Electropolish	Electropolish	Electropolish



Tools & the Know-How



CAMCORP has the correct tools and personnel to meet and exceed your food, chemical or pharmaceutical grade equipment requirements. CAMCORP has a full array of tools to accomplish the finish requirement specified. Rotary grinding wheels, right angle grinders and multiple size Dynaflex® belt grinders with varying degrees of polishing belts are a few of the tools used by our experienced personnel. To ensure that we meet the polish requirements welds must pass a smoothness test using our state-of-the-art profilometer which is a digital surface roughness testing instrument.





Sanitary Design Features

There are many features that CAMCORP incorporates into our sanitary design.

- Stainless Steel Sheets
- Polished Welds
- Polished Sheets
- Food Grade Closed Cell Gaskets
- Ledge-less Design
- Free of Cracks & Crevices
- Food Grade Filter Media
- Electro-polished
- Spray Balls
- Clean-In-Place (CIP) Design
- Passivation of Welds
- Glass Bead Blast Finish
- Easy Access for Maintenance
- Closed Box Tube or Pipe Supports
- Plug Style Access Ports
- Quick Clean or Quick Change Features
- Dished Head Roof with Davit Arm
- Tri-Clamp Style Connections
- Full Access Cleanable Design
- Stainless Steel Hardware



White Food Grade Closed Cell Gasket



PVC Covered SS During Fabrication



Glass Bead Blast Exterior Finish



Closed End Pipe Supports



Closed End Box Tube Supports



Quick Release Clamps for Easy Cleaning



Equipment Showcase



Model 6PRT31 Insulated Filter/Receiver
316L-2B Stainless Steel Product Contact
304-2B Stainless Steel Gas Contact
304 Stainless Steel External Surfaces
180-Grit Polished Welds on Product Contact
36-Grit Ground Welds on External Skin



Model HE19 Cyclone
304-2B Stainless Steel Product Contact
Carbon Steel External Contact
36-Grit Polished Product Contact Welds
External Welds Cleaned of Smoke



Model 100PRTW156 Filter/Receiver
304L-2B Stainless Steel Product Contact
304L-2B Stainless Steel Gas & External Contact
120-Grit Polished Welds on Product Contact
36-Grit Polished Welds on Gas Contact
External Welds Cleaned of Smoke



Model 3PRT10 Filter/Receiver Hopper
316-2B Stainless Steel Product Contact
120-Grit Polished Welds on Product Contact
Interior & Exterior Surfaces Electropolished





STE3x40H Filter/Receiver
 304-#4 Stainless Steel Product Contact
 304-#4 Stainless Steel Gas & External Contact
 180-Grit Polished Welds on Product Contact
 180-Grit Polished Welds on External Seams



Model 42PRB19-45P Filter/Receiver
 304-2B Stainless Steel Product Contact
 Carbon Steel Gas & External Contact
 All Welds Cleaned of Smoke



Scale Hoppers
 304-2B Stainless Steel Product Contact
 Carbon Steel Non-Product Contact
 36-Grit Polished Product Contact Welds
 External Welds Cleaned of Smoke



Model 8PRB24 Filter/Receiver
 304-2B Stainless Steel Product Contact
 Carbon Steel Gas & External Contact
 80-Grit Polished Welds on Product Contact
 External Welds Cleaned of Smoke



Model BD40 Bag Dump Station
 304-2B Stainless Steel Product Contact
 Carbon Steel Gas & External Contact
 Internal Welds Ground Smooth
 External Welds Cleaned of Smoke



Equipment Showcase



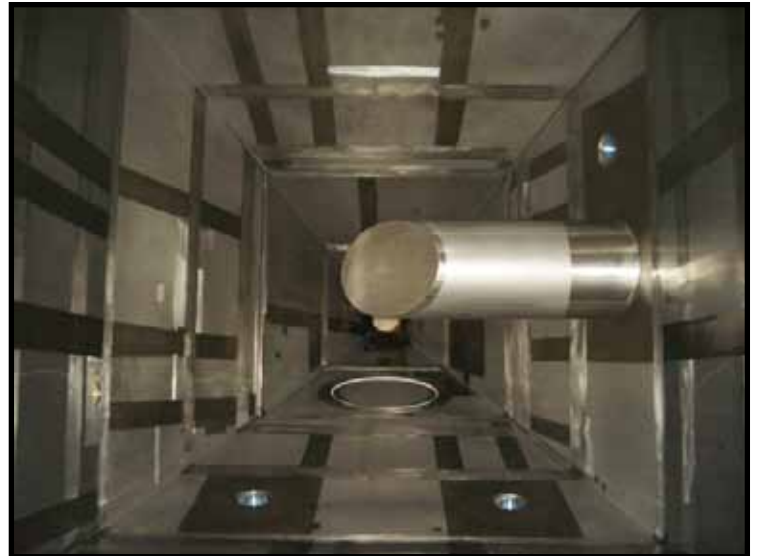
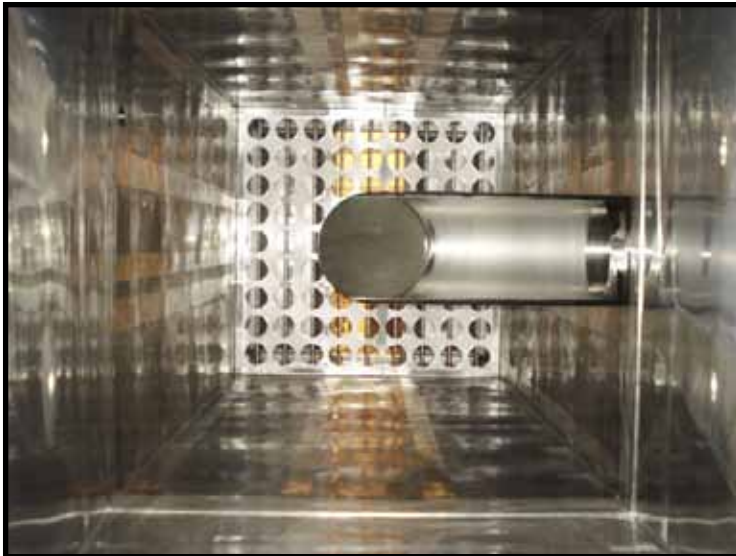
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Model 9TR9x81 Insulated Collector
304-2B Stainless Steel Product Contact
304-2B Stainless Steel Gas Contact
Carbon Steel External Stiffeners
304-2B Stainless Steel External Skin
150-Grit Polished Welds on Product Contact
36-Grit Polished Welds on Gas Contact
External Welds on Skin Cleaned of Smoke



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