

 VALENCE SURFACE TECHNOLOGIES Centers of Excellence Capabilities www.ValenceST.com	LOS ANGELES, CA	GARDEN GROVE, CA	SEATTLE, WA	EVERETT, WA	TEMPE, AZ	GROVE, OK	WICHITA, KS	CAMDEN, AR	EASTMAN, GA	BLAIRSVILLE, PA	LAWRENCE, MA	WINDSOR, CT	SPRINGFIELD, MA
Vacuum Deposition Coatings													
IVD (Rack and Barrel)												+	
Chemical Processing: Aluminum													
Anodize Type I/II - Chromic Acid (CAA)	+					+	+	+			+		+
Anodize Type IC - Boric Sulfuric Acid (BSAA)	+		+	+		+	+	+	+		+		+
Anodize Type IC - Tartaric-Sulfuric (TSA)							+						
Anodize Type II - Sulfuric Acid	+	+	+	+		+	+	+	+	+	+		+
Anodize Type IIB - Thin Film Sulfuric Acid	+	+	+	+		+			+		+		+
Anodize Type III - Hard	+	+	+			+	+	+		+	+		+
Anodize - Phosphoric Acid (PAA)		+							+		+		+
Anodize - Dyed Class 2		+	+	+			+	+	+	+	+		
Aluminum Sol Gel	+	+	+	+		+			+				
Chemical Conversion Coating (ChemFilm) Type I	+	+	+	+		+	+	+	+	+	+	+	+
Chemical Conversion Coating (ChemFilm) Type II		+		+		+	+	+	+	+	+	+	+
Chemical Processing: Hard Metals													
Nital Etch							+						+
Passivation		+	+	+		+	+	+	+	+	+		+
Phosphate Fluoride	+						+	+					
Phosphate Manganese									+		+		
Phosphate Zinc								+		+	+		
Black Oxide									+	+			
Titanium Anodize							+			+			+
Titanium Chem Film	+					+		+					
Titanium Etch (Pickle)	+	+	+	+		+	+		+				+
Titanium Sol Gel	+	+	+	+		+	+		+				
Plating													
Cadmium (Type I, II, III)							+				+		
Copper		+			+						+		+
Electroless Nickel Boron													+
Electroless Nickel (Low, Mid, Hi Phosphate)		+			+		+				+		+
Electroless Nickel PTFE (Teflon)													+
Gold		+			+						+		+
Hard Chrome							+						+
Nickel Bright		+											
Nickel Semi Bright		+											+
Nickel Sulfamate		+			+						+		+
Zinc Nickel (Type I, II, III)											+		
Platinum													+
Palladium					+								
Silver		+			+					+	+		+
Tin		+			+						+		
Tin-Lead & Tin-Nickel		+									+		
Wire Mesh for EMI and RFI shielding											+		
Full line of finishing for magnesium alloys											+		
Titanium Cadmium (Ti-Cad)							+						
Zinc										+	+		
Paint / Spray Coatings													
Adhesive Bond Primer		+	+						+	+	+		+
Dry Lube	+	+	+	+		+	+	+	+	+	+		+
Powder Coating							+	+	+	+	+		
Prime and Top Coating	+	+	+	+		+	+	+	+	+	+	+	+
CARC and CARC-L	+	+	+	+		+	+	+	+	+	+		+
Cerakote™		+	+	+			+		+	+	+		
Non-Destructive Testing (NDT)													
Eddy Current									+		+		
Fluorescent Penetrant Inspection (FPI)	+	+	+	+		+	+	+	+	+	+	+	+
Hardness and Conductivity	+			+		+	+						+
Magnetic Particle Inspection (MPI)			+				+		+		+		
Additional Services													
Abrasive Blasting	+	+	+	+		+	+	+	+	+	+	+	+
Bonding													+
Glass Bead Burnishing												+	
Glass Bead Blasting	+	+	+	+		+	+	+		+	+	+	+
Grinding							+						
Laser Part Marking		+						+			+		
Silk Screen													
Part Marking	+	+	+	+		+	+	+	+	+	+		+
Peen Forming	+		+	+									
Shot Peen	+		+	+		+	+					+	
Sub-Assembly	+					+		+		+	+		+
Heat Treatment					+								