



VALENCE SURFACE TECHNOLOGIES
Centers of Excellence Capabilities
www.ValenceST.com

LOS ANGELES, CA

GARDEN GROVE, CA

SEATTLE, WA

EVERETT, WA

GROVE, OK

WICHITA, KS

CAMDEN, AR

PITTSBURGH, PA

EASTMAN, GA

SPRINGFIELD, MA

Chemical Processing: Aluminum

Anodize Type I/IB - 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							✈	✈		
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		✈								✈
Platinum										✈
Silver		✈						✈		✈
Tin		✈								
Tin-Lead & Tin- Nickel		✈								
Titanium Cadmium (Ti-Cad)						✈				
Zinc								✈		

Paint / Spray Coatings

Adhesive Bond Primer		✈	✈					✈	✈	✈
Dry Lube	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈
Powder Coating								✈		
Prime and Top Coating	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈
Cerakote™	✈	✈	✈	✈		✈	✈	✈	✈	

Non-Destructive Testing (NDT)

Eddy Current									✈	✈
Fluorescent Penetrant Inspection (FPI)	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈
Hardness and Conductivity	✈			✈	✈	✈				✈
Magnetic Particle Inspection (MPI)			✈			✈			✈	

Additional Services

Abrasive Blasting	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈
Bonding										✈
Black Oxide								✈	✈	
Glass Bead Blasting	✈	✈	✈	✈	✈	✈	✈	✈		✈
Grinding						✈				
Laser Part Marking		✈								
Part Marking	✈	✈	✈	✈	✈	✈	✈	✈	✈	✈
Peen Forming	✈		✈	✈						
Shot Peen	✈		✈	✈	✈	✈				
Sub-Assembly	✈				✈		✈	✈		✈