

# HTA LOS ANGELES LINE CARD

Process	Process Details	Components / Examples	Customer Approvals	Furnace Capability
Age Hardening of PH Stainless Steels	Age hardening of PH grade stainless steel parts to H conditions per <b>AMS2759/3</b> and <b>AMS-H-6875</b> .	Raw Material & Finished Parts such as Airframes, Actuators, Landing Gear, Weapons Pylons, Missile Components & More.	Nadcap, Space-X Lockheed Martin QCS001 Boeing D1-4426	Furnace Sizes 72" x 36" x 36" 48" x 36" x 32" 168" x 48" x 48"
Age Hardening of PH Stainless Steels	Age hardening of PH grade stainless steel to H conditions per <b>BAC5619</b> .	Raw Material & Finished Parts such as Airframes, Actuators, Landing Gear, Weapons Pylons, Missile Components & More.	Nadcap Boeing D1-4426	Furnace Sizes 72" x 36" x 36" 48" x 36" x 32" 168" x 48" x 48"
Age Hardening of PH Stainless Steels	Age hardening of PH grade stainless steel parts to H conditions per <b>PS15000_11</b> and <b>DPS 5.00_2</b>	Raw Material & Finished Parts such as Airframes, Actuators, Landing Gear, Weapons Pylons, Missile Components & More.	Boeing D1-4426	Furnace Sizes 72" x 36" x 36" 48" x 36" x 32" 168" x 48" x 48"
Age Hardening of Nickel & Cobalt Alloys	Age hardening of nickel & cobalt alloy parts per <b>AMS2774</b> & <b>AMS5663</b> .	Raw Material & Finished Parts such as Airframes, Actuators, Landing Gear, Weapons Pylons, Missile Components & More.	Nadcap	Furnace Sizes 72" x 36" x 36" 48" x 36" x 32" 168" x 48" x 48"
Hardness Testing	Hardness verification on Rockwell and Brinell Scales, including per <b>LMA-PC009</b> , <b>BAC5650</b> , <b>NDTS15000</b> and <b>5PTPCG09</b> .	Raw Material & Various Finished or Semi-Finished Parts.	Nadcap, Space-X Lockheed Martin Boeing D1-4426	
Vacuum Aluminium Brazing (VAB)	Vacuum Aluminium Brazing is a process used to manufacture electronic housings and chassis', the method metallurgically bonds machined aluminium components via a brazing medium. These chassis are typically used to dissipate heat in electronic assemblies and provide solutions to weight and dimensional constraints typically found in airborne systems.	Electronic Cooling Chassis, Cold Wall Plate Heat Exchangers, Microwave Components.	Nadcap	Furnace Size 47" x 34" x 26"
Project Management Vacuum Braze Services	Due to the critical nature of build to print braze components and the Intellectual Property that surrounds the techniques for successful brazing, HTA offers Project Management services and supply chain management for completion of these components prior to the next level up assembly.	Aluminium Vacuum Braze Chassis used for Various Electronic Applications, Copper Braze, & Nickel Braze Steel Components.		Please contact HTA to discuss
Heat Track Solutions	HTA Trademarked Customer Information Portal and Client interface. Secured Client services, accounting, job tracking, email notifications for work progression and more.	HTA's Customer Portal, ideal for all jobs.		Access at <a href="http://heattracksolutions.com">heattracksolutions.com</a>

