



**Burbank Steel Treating, Inc**  
**Prime/Customer Approval List**  
 Last Update: 09-28-2017

Prime / Customer	Process	Specification / Scope	Code	Process/Spec Title
<b>Nadcap</b>	Testing	AC7101/4		Material Testing Laboratories – Metallography & Microindentation
	Heat Treat	AC7102		Heat Treating – Baseline
	Carburizing	AC7102/3		Carburizing
	Nitriding	AC7102/4		Nitriding
	Testing	AC7102/5		Hardness Testing
<b>Avibank</b>	Heat Treat	AMS-H-6875, AMS2759 and slashes (Lockheed Martin, Sikorsky)		Heat Treating
<b>AVK</b>	Heat Treat	AMS-H-6875, AMS2759 and slashes		Heat Treating
<b>BAE</b>	Heat Treat	Nadcap Approval		Heat Treating
<b>Boeing</b>	Quality System	AQS	003	Acceptable Quality Standards
	Heat Treat	AMS 2759	103	Heat Treatment of Steel Parts General Requirements
	Heat Treat	AMS 2759/2	103B	Heat Treatment of Low Alloy Steel Parts >220 PSI
	Heat Treat	AMS 2759/3	103C	Heat Treatment Precipitation-Hardening Corrosion-R. Maraging Steel P.
	Heat Treat	AMS 2759/5	103E	Heat Treatment Martensitic Corrosion-Resistant Steel Parts
	Testing	Met. Testing	803	Metallurgical Testing
	Testing	ASTM E18	806D	Standard Test Methods for Rockwell Hardness of Metallic Mat.
	Testing	ASTM E10	806D	Standard Test Methods for Brinell Hardness of Metallic Mat.
	Heat Treat	HP1-1	M101A	Heat Treatment of Steels (QPL)
	Heat Treat	AA0111-0032	P122	Thermal Treatment of Beryllium
	Heat Treat	ST0111AA0018	P131A	Heat Treat of Wrought, Non-Hard, Austenitic, and Cress 300 Series
<b>Crissair</b>	Heat Treat			Heat Treat of Metals
<b>Circor Aerospace</b>	Heat Treat	CSC Approved (Lockheed Only)		
<b>Eaton Aerospace</b>	Heat Treat			Industry specs listed on Nadcap Eauditnet.com
<b>Forrest Machine</b>	Quality /HT	FY '05 - '06		Quality System and Heat Treat
<b>GKN Aerospace</b>	Heat Treat	AMS 5662		Precipitation Heat Treatment of Nickel Alloys
<b>GE Aviation (Woodward)</b>	Heat Treat	AMS-H-6875	S115	Heat Treatment of Steel Raw Materials
	Heat Treat	9U9150		Heat Treat of Steels (Solution)
	Cold Treatment	9U9007		Cold Stabilize
<b>General Dynamics (Land Systems)</b>	Heat Treat	AMS-H-6875	S115	Heat Treatment of Steel Raw Materials
	Heat Treat	AMS-H-81200	V809	Heat Treatment of Titanium and Titanium Alloys
	Heat Treat	MIL-S-6090	V807	Steel Carburizing / Nitriding
	Carburizing		V805	Carburizing
	Nitride		V804	Nitriding
	Media Cleaning		V214	Blast Cleaning
<b>Goodrich</b>	Heat Treat	AMS-H-6875		Heat Treatment of Steel Raw Materials
	Heat Treat	AMS-H-81200		Heat Treatment of Titanium and Titanium Alloys
	Heat Treat	AMS-S-6090		Steel Carburizing / Nitriding
	Heat Treat	MIL-S-6090		Steel Carburizing / Nitriding



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<b>Hamilton Sundstrand</b> (JDE# 90401)	Heat Treat	AMS-H-6875		Heat Treatment of Steel Raw Materials	
	Heat Treat	AMS 2759		Heat Treatment of Steel Parts General Requirements	
	Heat Treat	AMS 2759/3		Heat Treatment Precipitation-Hardening Corrosion-R. Maraging Steel P.	
	Heat Treat	AMS 2759/4		Heat Treatment Austenitic Corrosion-Resistant Steel Parts	
	Heat Treat	AMS 2759/5		Heat Treatment Martensitic Corrosion-Resistant Steel Parts	
	Stress	AMS 2759/11		Stress Relive of Steel Parts	
	Precipitation	PN09.17-4-PH-1 to 8		Precipitation Harden	
	Precipitation	PN09.13-8MO-PH-PH2		Precipitation Harden	
	Heat Treat	PN09.4340-HD / SP		Heat Treat, Harden & Draw / Special Requirements	
	Heat Treat	PN09.4340-HD-1 to 5		Heat Treat, Harden & Draw	
<b>JPL</b>	AQS	PQA-2005-570		Quality System	
<b>Lockheed Martin</b>	Testing	NDTS-1500/1501	160	Hardness and Conductivity Test	
	Testing	LMA-PC009	168	Hardness Testing	
	Testing	DS30005	169	Hardness, Conductivity & Tensile Strength	
	Testing	C-0566	170	Hardness, Conductivity & Tensile Strength	
	Heat Treat	AMS-H-6875	601	Heat Treatment of Steel Raw Materials	
	Heat Treat	STP54-019	601A	Heat Treatment of Carbon and Low Alloys (< 220 KSI)	
	Heat Treat	STP54-013	601G	Heat Treatment of Precipitation Hardening SS (Excludes Finished Parts)	
	Heat Treat	LACP/LADCP 73-2018	601J	Heat Treatment of Precipitation Hardening SS	
	Heat Treat	AMS-H-81200	602	Heat Treatment of Titanium and Titanium Alloys	
	Heat Treat	AMS 2801	602E	Heat Treatment of Titanium and Titanium Alloys	
	Carburizing	MIL-S-6090	603A	Steel Carburizing	
	Heat Treat	FPS-3014	605A	Heat Treatment of Steels	
	Heat Treat	AMS 2759	609	Heat Treatment of Steel Parts General Requirements	
	Heat Treat	AMS 2759/1	609A	Heat Treatment of Carbon and ow Alloys Steel Parts (< 220 KSI)	
	Heat Treat	AMS 2759/2	609B	Heat Treatment of Low Alloy Steel Parts >220 PSI	
	Heat Treat	AMS 2759/3	609C	Heat Treatment Precipitation-Hardening Corrosion-R. Maraging Steel P.	
	Heat Treat	AMS 2759/5	609E	Heat Treatment Martensitic Corrosion-Resistant Steel Parts	
	Carburizing	AMS 2759/7	609G	Carburizing and HT of Carburizing Grade Steel Parts	
	Pyrometry	AMS 2750	612	Pyrometry	
	Heat Treat	C-0522	613	Heat Treatment of Steel Parts for Aircraft	
	Stress	STP54-008	614	Stress Relieving, Baking, and Cold Treatment of Steel	
	Stress	C-0531	622	Stress Relieve... Cancelled (Superseded by STP54-008)	
	Quality System	Appendix QJ	7	Quality Control- Control of Process	
	Cleaning	PS 0170	615	Cleaning (Alkaline / Alkaline Methods Only)	
	Cleaning	C-01701	616	Cleaning (Alkaline / Alkaline Methods Only)	
	Cleaning	STP 57-101	617	Cleaning of Corrosion Low Alloys (Alkaline / Alkaline Methods Only)	
	Cleaning	STP 57-201	618	Cleaning of Carbon Steels (Alkaline / Alkaline Methods Only)	
	Stress	AMS 2759/11 (Uncontrolled)	NA	Stress Relieve of Steel Parts	



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<b>L3 Communications</b>	Heat Treat	AMS-H-6875		Heat Treatment of Steel Raw Materials
	Carburizing	AMS-S-6090		Steel Carburizing / Nitriding
	Heat Treat	AMS-H-7199		Heat Treatment of Copper Alloys
<b>Javelin</b>	Heat Treat	MIL-H-6875		Heat Treatment of Steel Raw Materials
	Heat Treat	AMS 2759/3		Heat Treatment Precipitation-Hardening Corrosion-R. Maraging Steel P.
<b>Parker Aerospace</b>	Quality System	Nadcap	AA10	Nadcap
	Heat Treat	AMS 2759/1	H001	HT of Carbon and Low Alloy Steel Parts (Below 220 KSI)
	Heat Treat	AMS 2759/2	H002	HT of Low Alloy Steel Parts (220 KSI and Higher)
	Heat Treat	AMS 2759/3	H003	HT Precipitation-Hardening Corrosion Resistant and Maraging
	Heat Treat	AMS 2759/4	H004	HT Austenitic Corrosion -Resistant Steel Parts
	Heat Treat	AMS 2759/5	H005	HT Martensitic Corrosion-Resistant Steel Parts
	Nitriding	AMS 2759/6	H006	Gas Nitriding and HT of Low Alloy Steel Parts
	Carburizing	AMS 2759/7	H007	Carburizing and HT of Carburizing Grade Steel Parts
	Heat Treat	AMS-H-6875	H021	HT of Steel Raw Materials
	Heat Treat	AMS-H-7199'98	H030	HT of Copper Alloys - Limited to Aging, Stress and Annealing
	Heat Treat	AMS 2728	H031	HT of Wrought Beryllium Alloy - Limited to Aging, Stress and Annealing
	Stress	AMS-H-2759/11	H033	Stress Relief of Steel Parts
	Heat Treat	AMS 2801	H034	Heat Treatment of Titanium Alloy Parts
	Heat Treat	AMS-H-81200	H035	HT of Titanium and Titanium Alloys (Limited to Solution & Age)
	Heat Treat	AMS-H-6090	H040	Steel Carburizing / Nitriding
	Heat Treat	ES2-130	H051	HT and Cold Stabilization (440C , 52100)
	Heat Treat	BPS 4601	H060	HT of 52100 Steel
	Cold Treatment	BPS 4602	H061	Cold Stabilization of Steel
	Nitriding	BPS 4646	H063	Gas Nitriding
	Stress	BPS 4620	H080	Thermal Relieving of HT Steel
	Heat Treat	BPS 4630	H090	Tool Steel
	Heat Treat	BPS 4127	PP40	Priority Process
	Quality	AS9003'2001'	Q052	Quality System Aerospace
	Testing	ASTME 10	T140	Brinell Hardness
Testing	ASTME 18	T145	Rockwell/Superficial Hardness	
Testing	ASTME 384	T175	Micro Indentation Hardness	
<b>Pacific Scientific</b>	Testing	MIL-I-4528		Inspection System Requirements
	Quality	ISO 9001:2000		Quality Management System Requirements
	Heat Treat	AMS-H-6875		HT of Steel Raw Materials
	Carburizing	AMS-H-6090		Steel Carburizing / Nitriding
	Heat Treat	AMS 2759		HT of Steel Parts (and appropriate slash sheets)
<b>Robinson Helicopter</b>	Heat Treat	RPS-10	RPS-10	Heat Treating and Cold Stabilize
<b>PAC Foundries</b>	Quality			Quality System



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<b>Moog</b>	Heat Treat	AMS 2759/1		HT of Carbon and Low Alloy Steel Parts (Below 220 KSI)
	Heat Treat	AMS 2759/2		HT of Low Alloy Steel Parts (220 KSI and Higher)
	Heat Treat	AMS 2759/3		HT Precipitation-Hardening Corrosion Resistant and Maraging
	Heat Treat	AMS 2759/4		HT Austenitic Corrosion -Resistant Steel Parts
	Heat Treat	AMS 2759/5		HT Martensitic Corrosion-Resistant Steel Parts
	Heat Treat	AMS 2759/6		Gas Nitriding and HT of Low Alloy Steel Parts
	Heat Treat	AMS 2759/7		Carburizing and HT of Carburizing Grade Steel Parts
	Hydrogen Embr.	AMS 2759/9		Hydrogen Embrittlement Relief (Baking) of Steel Parts
	Heat Treat	AMS 2801		Heat Treatment of Titanium Alloy Parts
	Heat Treat	MIL-H-6875		HT of Steel Raw Materials (S/S by AMS-H-6875)
	Heat Treat	AMS-H-6875		HT of Steel Raw Materials
	Carburizing	MIL-S-6090		Steel Carburizing
	Carburizing	AMS-H-6090		Steel Carburizing / Nitriding
	Heat Treat	AMS-H-7199		HT of Copper Alloys
	Stress	EPS 3211		Stress Relieving of Steels and Iron Base Alloys
	Heat Treat	EPS 3805		Heat Treatment of HP-9-4-30 Steels
Quality	SBC00 / SQR-1		Supplier Quality Requirements	
<b>MD Helicopters</b>	Heat Treat	MDP1-1		Heat Treatment of Steels
	Heat Treat	MDP1-18		Heat Treatment of Titanium and Titanium Alloys
	Carburizing	MDP2-2		Carburizing of Steel
	Nitriding	MDP2-3		Nitriding of Steel
	Cleaning	MDP9-1		Abrasive Cleaning Methods for Metallic and Non-metallic Parts
	Cleaning	MDP9-5		Chemical Cleaning Methods for Metallic Parts
Heat Treat	Q02B		HT of Steels only	
<b>Lord</b>	Heat Treat	AMS 2759/1		HT of Carbon and Low Alloy Steel Parts (Below 220 KSI)
	Heat Treat	AMS 2759/2		HT of Low Alloy Steel Parts (220 KSI and Higher)
	Heat Treat	AMS 2759/3		HT Precipitation-Hardening Corrosion Resistant and Maraging
	Heat Treat	AMS 2759/4		HT Austenitic Corrosion -Resistant Steel Parts
	Heat Treat	AMS 2759/5		HT Martensitic Corrosion-Resistant Steel Parts
	Nitriding	AMS 2759/6		Gas Nitriding and HT of Low Alloy Steel Parts
	Carburizing	AMS 2759/7		Carburizing and HT of Carburizing Grade Steel Parts
	Heat Treat	AMS 2774		HT Wrought Nickel Alloy and Cobalt Alloy Parts
	Heat Treat	AMS 5663		Alloy Bars, Forgings, and Rings, Corrosion and Heat Resist
	Heat Treat	AMS-H-6875		HT of Steel Raw Materials
	Heat Treat	AMS 2759/1		HT of Carbon and Low Alloy Steel Parts (Below 220 KSI)
	Heat Treat	AMS 2759/2		HT of Low Alloy Steel Parts (220 KSI and Higher)
<b>Precision Coil Springs</b>	Quality			Quality System
<b>Perkin Elmer</b>	Heat Treat	On the Approved Sub-Tier List		



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<b>Rotair Industries</b> <i>HS1 (Aircraft Steels)</i>	Heat Treat	MIL-H-6875	HS1	HT of Steel Raw Materials
	Heat Treat	AMS-H-6875	HS1	HT of Steel Raw Materials
	Heat Treat	AMS 2759	HS1	HT of Steel Parts (and appropriate slash sheets)
	Heat Treat	SS8049	HS2	HT of 4340 Steel (SS8049)
	Testing	ASTME 3	LAB 5	Preparation of Metallograph Specimen
	Testing	ASTME 10	LAB 7	Brinell Hardness
	Testing	ASTME 18	LAB 7	Rockwell/Superficial Hardness
	Testing	ASTME 384	LAB 7	Micro Indentation Hardness
<b>Smiths</b> <i>(SAAS / Whippany)</i>	Heat Treat	AMS-H-6875		HT of Steel Raw Materials
	Carburizing	AMS-S-6090		Steel Carburizing / Nitriding
	Heat Treat	AMS-H-6875		HT of Steel Raw Materials
	Carburizing	AMS-S-6090		Steel Carburizing / Nitriding
<b>SpaceX</b>	Stress	AMS 2759/11		Stress Relief of Steel Parts
	Heat Treat	AMS2759/3		HT Precipitation-Hardening Corrosion Resistant and Maraging
	Hydrogen Embr.	AMS2759/9		Hydrogen Embrittlement Relief (Baking) of Steel Parts
	Heat Treat	AMS-H-81200		HT of Titanium and Titanium Alloys (Limited to Solution & Age)
	Stress	AMS 2759/11		Stress Relief of Steel Parts
<b>Triumph Actuation</b>	Heat Treat	AMS-H-6875		HT of Steel Raw Materials
	Heat Treat	AMS 2759/5		HT Martensitic Corrosion-Resistant Steel Parts
<b>Vacco Industries</b>	Heat Treat	Approved Processing & Raw Materials	18	Approved Processing & Raw Materials
<b>Woodward</b> <i>(Duarte)</i>	Heat Treat	AMS-H-6875	S115	Heat Treatment of Steel Raw Materials
	Heat Treat	9U9150		Heat Treat of Steels (Solution)
	Cold Treatment	9U9007		Cold Stabilize