

Tamayakin Group Aerospace Division 1

## **COMPANY PROFILE**

	Japan	China	
Established	1951	2003	
Employee	60	60	
Place	Musashimurayama(Tokyo)	Dalian (LiaoNing)	
Business	Heat Treatment	Heat Treatment	
Certification	ISO9001/AS9100 Nadcap Rolls-Royce etc.	ISO9001/AS9100 ISO14001 Nadcap Moog	
Sales Composition	Commercial Aircraft 40% Aerospace/Defense 20% Others 40%	Automobile 60% Die heat treat 20% Electrical machinery 20% Commercial Aircraft 5%	
Sales	6 million (USD)	3.8 million (USD)	

### **CERTIFICATION OF JAPAN**

□ ISO9001,JIS Q 9100 ,ISO 14001

- Nadcap: Heat treatment
   (Nitride, Aluminum alloy, Low alloy steel,
   Stainless steel, Ni and Co alloy, Carburize, Raw material)
- □ Certification of special process: Rolls-Royce(UK), IHI, MHI, KHI, FHI and other domestic customers

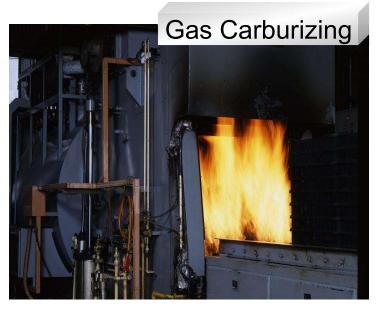


## WIDE VARIETY OF PROCESS











# 4

### **HEAT TREATMENT**

Type of Heat Treatment	Process	Material	Specification	
Vacuum Heat Treatment	Vacuum Quenching,Tempering	Carbon and Low-Alloy Steel Martensitic Corrosion-Resistant Steel	RPS356, RRP54004 AMS2759/3	
	Solution Heat Treatment	Austenitic Corrosion-Resistant Steel	AMS2759/4	
	Annealing	Various Steels	- AMS2759/5 AMS2769	
	Precipitation Hardening	Precipitation-Hardening Corrosion-Resistant and Maraging Steel	AMS-H-6875	
Nitriding	Gas Nitriding	Carbon and Low-Alloy Steel	RPS135, AMS2759/6,10,	
Gas Carburizing and Heat Treatment	Carburizing and Quenching		RPS371,RRP54006 AMS2759/7	
Controlled Atmosphere Heat Treatment	Quenching, Tempering		AMS2759/1, 2	
Material Heat Treatment	Quenching ,Tempering		AMS2759/11	
	Normalizing, Annealing		AMS-H-6875	
	Stress Relief			
Non-ferrous Metal Heat	Solution Heat Treatment	Aluminum Alloy, Ni & Co Alloy AMS2770,AMS2774	AMS2770,AMS2774	
Treatment	Ageing	Aluminum Alloy, Beryllium Copper Ni & Co Alloy  AMS-H-7199 RPS323,RPS574,RR P54003,RRP54010		
	Annealing	Aluminum Alloy, Titanium Alloy	J-PWA11	

### **OUR STRONG POINT**



- 1. Wide variety of heat treating processes. (Incl. Nitriding, Carburizing, Aluminum, Ni & Co matal etc.)
- 2. Experience to deal with engine components. (ex.Rolls-Royce, P&W)
- 3. Experience of expanding our resource to Asian area (Dalian, China)