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Approvals



Solution and water quenching

W and T4X Conditions
 Packing in Dry Ice

Annealing

Full anneal to "0" condition
 Partial Anneal

Aging

T6X condition
 T7X condition (Overaged)
 Rockwell Testing (ASTM E-18)
 Conductivity Testing (MIL-STD-1537)

Aluminum Heat Treating



Process Specifications: *

AMS 2770	BAC 5602
AMS 2771	ACES 15
AMS 2772	HS 454
AMS-H-6088	PS 15500
CPW 21	WAPS 17-02

Harden, quench and temper

400 Series S.S.

Annealing

300 Series S.S.

Solution Annealing

17-4PH, 15-5PH & 13-8PH
 Inc. 600 & Inc. 700 Series
 A-286, 15-7PH, & Waspaloy

Precipitation Hardening

17-4PH, 15-5PH & 13-8PH
 Inc. 718, A-286, Waspaloy

Vacuum Heat Treating



Process Specifications: *

AMS 2769	P10TF-3
AMS 2774	PN09/CP09
ACES 15/158	AMS 2759/1/3/4/5
AMS-H-6875	DPS 5.00
AMS 5663	HS 461
CPW 21	91547-P6000

System Approvals

Quality systems

AC7004

Pyrometry
 AMS 2750



Heat Treating / Brazing

Filler Metals

Nickel
 Copper
 Silver
 Gold

Brazing



Process Specifications: *

AWS C3.6	ACES 14
MIL-B-7883	AMS 2664/65
P9TF-1	AMS 2670/75
CSMP009	P6231/P6233

* We are certified to perform many more processes and materials. These specifications are the most common.