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Global Operations / Power & Controls Supplier Quality Special Process Engineering

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Phoenix Heat Treating, Inc.
2405 West Mohave Street
Phoenix, Arizona 85009

Supplier Number: SAP 25561

Attention: Charlie Hushek, Joe Rico, Michael Hushek
mailto: mhushek@phxht.com, chushek@phxht.com, jrico@phxht.com

Subject: Collins Aerospace Approved Special Process Re-accreditation

Dear Mr. Hushek, Mr. Hushek, and Mr. Rico,

Collins Aerospace is pleased to inform you that your facility has recently been re-accredited to perform certain manufacturing special processes in accordance with applicable process specifications based on our Nadcap review. This accreditation status is extended until your next onsite audit or Nadcap review, which are conducted on a three-year review cycle. Please note your current process approvals are listed in the attached Report 70. The approvals are valid for Legacy Hamilton Sundstrand product (specifically Collins Aerospace internal SAP plant numbers 6001, 6004, 6204, 6301). Other Collins Aerospace business units' approvals are managed separately.

Please be aware that Collins Aerospace continues to recognize the benefit and value of Nadcap, the aerospace industry managed accreditation program. The benefit of being Nadcap accredited allows us to grant approval without the need for an onsite survey.

As such, we rely heavily on the integrity with which your system is implemented. Your effort and responsiveness to the importance of providing goods or services on schedule, at a competitive price, and compliant to our quality requirements are essential to the maintenance of your accreditation status and our combined competitive position.

Our sincere congratulations are extended to you and your personnel and our expectations are for your continued success.

Peter Hong

Peter Hong
Collins Aerospace Power & Controls / Global Operations
Supplier Quality NDT & Special Processes

Report 70 – List of Approved Special Process Specifications

Vendor #	Company Name	Specification/Qualification	Description
25561	PHOENIX HEAT TREATING INC	AMS 2728	HEAT TREATMENT WROUGHT COPPER BERYLLIUM
25561	PHOENIX HEAT TREATING INC	AMS 2759	HEAT TREAT
25561	PHOENIX HEAT TREATING INC	AMS 2759/1	HEAT TREAT OF CARBON AND LOW-ALLOY STEEL
25561	PHOENIX HEAT TREATING INC	AMS 2759/11	STRESS RELIEVE OF STEEL PARTS
25561	PHOENIX HEAT TREATING INC	AMS 2759/2	HEAT TREAT
25561	PHOENIX HEAT TREATING INC	AMS 2759/3	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	AMS 2759/4	SOLUTION ANNEAL OF CORROSION & HEAT TESI
25561	PHOENIX HEAT TREATING INC	AMS 2759/5	HEAT TREAT MARTENSITIC CORROSION-RESIST
25561	PHOENIX HEAT TREATING INC	AMS 2759/7	CARBURIZING CARBON AND LOW AL STL
25561	PHOENIX HEAT TREATING INC	AMS 2761	HEAT TREATMENT OF STEEL RAW MATERIALS
25561	PHOENIX HEAT TREATING INC	AMS 2770	HEAT TREAT OF ALUMINIUM ALLOY PARTS
25561	PHOENIX HEAT TREATING INC	AMS 2771	HEAT TREAT OF ALUMINUM ALLOY CASTINGS
25561	PHOENIX HEAT TREATING INC	AMS 2773	HEAT TREATMENT, NI/CO ALLOYS, CAST
25561	PHOENIX HEAT TREATING INC	AMS 2774	HEAT TREATMENT, NI/CO ALLOYS, WROUGHT
25561	PHOENIX HEAT TREATING INC	AMS 2801	HEAT TREATMENT OF TITANIUM ALLOY PARTS
25561	PHOENIX HEAT TREATING INC	AMS-H-6088	Heat Treatment of Aluminum Alloys
25561	PHOENIX HEAT TREATING INC	AMS-H-6875	HEAT TREATMENT OF STEEL RAW MATERIALS
25561	PHOENIX HEAT TREATING INC	AMS-H-7199	Heat Treatment of Wrought Copper-Beryllium Alloys, Process for
25561	PHOENIX HEAT TREATING INC	AMS-H-81200	Heat Treat - Titanium & Alloys
25561	PHOENIX HEAT TREATING INC	AS 7455	BOLTS AND SCREWS, HEAT TREAT
25561	PHOENIX HEAT TREATING INC	CP917-4-PH03	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	HS 303	CARBURIZING CARBON AND LOW AL STL
25561	PHOENIX HEAT TREATING INC	HS 43	HEAT TREATMENT OF LOW ALLOY STEELS

25561	PHOENIX HEAT TREATING INC	HS 454	HEAT TREATMENT OF ALUMINUM ALLOYS
25561	PHOENIX HEAT TREATING INC	HS 461	H T OF CORROSION RESISTANT STEEL
25561	PHOENIX HEAT TREATING INC	HS 5623	HEAT TREAT OF NI AND CO ALLOYS
25561	PHOENIX HEAT TREATING INC	MIL-H-6875	HEAT TREATMENT OF STEEL RAW MATERIALS
25561	PHOENIX HEAT TREATING INC	MS10.25	PREHARDENED LOW ALLOY STEEL
25561	PHOENIX HEAT TREATING INC	P130	HEAT TREAT, HARDEN AND DOUBLE DRAW
25561	PHOENIX HEAT TREATING INC	PN09.0000-A-1	HEAT TREAT OF ALUMINUM (AGING ONLY)
25561	PHOENIX HEAT TREATING INC	PN09.0000-A-3	HEAT TREAT OF COPPER BASE ALLOYS
25561	PHOENIX HEAT TREATING INC	PN09.0000-A-4	HEAT TREAT, ANNEAL
25561	PHOENIX HEAT TREATING INC	PN09.0000-N	HEAT TREAT, NORMALIZE
25561	PHOENIX HEAT TREATING INC	PN09.0000-N-3	HEAT TREAT, NORMALIZE
25561	PHOENIX HEAT TREATING INC	PN09.0000-SR-1	HEAT TREAT, STRESS RELIEVE
25561	PHOENIX HEAT TREATING INC	PN09.0000-SR-2	HEAT TREAT, STRESS RELIEVE
25561	PHOENIX HEAT TREATING INC	PN09.0000-SR-3	HEAT TREAT, STRESS RELIEVE
25561	PHOENIX HEAT TREATING INC	PN09.0000-SR-5	STRESS / EMBRITTLEMENT RELIEVE
25561	PHOENIX HEAT TREATING INC	PN09.0000-SR-6	CRYOGENIC/STEAM OR BOILING WATER STABILI
25561	PHOENIX HEAT TREATING INC	PN09.0803-A	HEAT TREAT, ANNEAL
25561	PHOENIX HEAT TREATING INC	PN09.1015-CH	HEAT TREAT , CARBURIZE AND HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.1035-HD-1	HEAT TREAT, HARDEN AND DRAW
25561	PHOENIX HEAT TREATING INC	PN09.1055-HD-1	HEAT TREAT, HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.1070-HD-3	HEAT TREAT, HARDEN AND DRAW
25561	PHOENIX HEAT TREATING INC	PN09.10V-H3D3	HEAT TREAT, HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.13-8MO-PH	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.13-8MO-PH2	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.13-8MO-PH3	PRECIPITATION HARDEN

25561	PHOENIX HEAT TREATING INC	PN09.135M-CN	HEAT TREAT, CARBONITRIDE
25561	PHOENIX HEAT TREATING INC	PN09.135M-HD	HEAT TREAT, HARDEN AND DRAW
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-1	HEAT TREAT
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-2	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-3	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-4	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-5	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-6	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-7	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-7	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-4-PH-8	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-7-PH	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.17-7-PH	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.4130-HD	HEAT TREAT, HARDEN AND DRAW
25561	PHOENIX HEAT TREATING INC	PN09.4140-HD	HEAT TREAT, HARDEN AND DRAW
25561	PHOENIX HEAT TREATING INC	PN09.4140-HD-3	HEAT TREAT, HARDEN AND DRAW
25561	PHOENIX HEAT TREATING INC	PN09.4140-HD-6	HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.4340-AU-4	HEAT TREAT,AUSTEMPER
25561	PHOENIX HEAT TREATING INC	PN09.4340-HD	HEAT TREAT, HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.4340-HD-1	HEAT TREAT, HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.4340-HD-3	HEAT TREAT, HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.4340-HD-5	HEAT TREAT, HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.440-HFD	HEAT TREAT, HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.440F-H-1	HEAT TREAT, HARDEN & DRAW

25561	PHOENIX HEAT TREATING INC	PN09.52100-HD12	HARDEN & DRAW
25561	PHOENIX HEAT TREATING INC	PN09.52100-HF	HEAT TREAT, HARDEN AND DEEP FREEZE
25561	PHOENIX HEAT TREATING INC	PN09.52100-HF-1	HEAT TREAT, HARDEN AND DEEP FREEZE
25561	PHOENIX HEAT TREATING INC	PN09.52100-MF	HEAT TREAT, MARQUENCH AND DEEP FREEZE
25561	PHOENIX HEAT TREATING INC	PN09.52100-MF-1	HEAT TREAT
25561	PHOENIX HEAT TREATING INC	PN09.52100-MF-11	MARQUENCH & FREEZE
25561	PHOENIX HEAT TREATING INC	PN09.52100-MF-7	MARQUENCH & FREEZE
25561	PHOENIX HEAT TREATING INC	PN09.6419-H2D	HEAT TREAT, HARDEN AND DRAW
25561	PHOENIX HEAT TREATING INC	PN09.718PH	PRECIPITATION HARDEN
25561	PHOENIX HEAT TREATING INC	PN09.9315-CHF	CARBURIZE, HARDEN & DEEP FREEZE
25561	PHOENIX HEAT TREATING INC	PN09.9315-CHF-11	CARBURIZE, HARDEN & FREEZE
25561	PHOENIX HEAT TREATING INC	PN09.M2TS-H2D	HEAT TREAT, HARDEN & DRAW