

BAC5637

REVISION
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9/8/2017

ZINC-NICKEL ALLOY PLATING



THIS SPECIFICATION ESTABLISHES THE REQUIREMENTS FOR THE ELECTRODE POSITION OF ZINC-NICKEL ALLOY PLATING.

<u>BAC 5637 DEPARTURES</u>	<u>EFF DATE</u>	<u>AFFECTED SUBCONTRACTORS</u>	<u>AFFECTED PROGRAMS</u>	<u>AFFECTED BOEING SITES</u>	<u>REASON</u>
6-16	3/9/2018	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	1) SATISFIES THE SOLUTION AGITATION AND GRADIENT AND HARMONIZING IT AMONG OTHER PLATING SPECIFICATIONS WITHOUT INVOKING COSTLY BAC5621 REQUIREMENTS. 2) ALLOWS NEW OPTIONS FOR MAKING UP BOEING LHE ZN-NI PLATING SOLUTION.
6-17	3/6/2018	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	1) ALLOWS FOR OPTIONAL CONTROL OF TRACE METAL CONTAMINANTS IN ZINC-NICKEL PLATING SOLUTIONS. 2) CLARIFIES THE TYPES OF METALS USED FOR PLATING ADHESION TESTING.
1-1	1/22/2021	NONE	ALL BCA	PORTLAND, OR	PROVIDE LOWER CURRENT DENSITY FOR PLATING LOW STRENGTH STEEL IN ACCORDANCE WITH BAC5637 USING DISPOL IZ-C17+ PLATING SOLUTION
1-2	6/25/2021	NONE	ALL BCA	AUBURN SHOP 3900	TO ALLOW IMMEDIATE PLATING THICKNESS CHECKS WHICH DO NOT MEET SECTION 11.3.D, OPTION SCALE REMOVAL FOR LOW ALLOY STEEL, CRES, AND COPPER ALLOYS. TO ALLOW USAGE OF BAC5637, SECTION 9.3, SOLUTION D FOR DECONTAMINATION AND ACTIVATION OF CORROSION RESISTANT STEEL ALLOYS PRIOR TO NI STRIKE AND ZN-NI PLATING. IMPLEMENTATION IS REQUIRED WITHIN 90 CALENDAR DAYS OF RELEASE OF THIS DEPARTURE. WHEN IMPLEMENTED THIS DEPARTURE MUST BE IMPLEMENTED IN ITS ENTIRETY.
DCNPSO-001373_01	9/8/2017	N/A	N/A	N/A	IMPROVEMENT - NEW MATERIAL/PROCESS