



	LISTADO DE PROCESOS ESPECIALES CERTIFICADOS QUALIFIED SPECIAL PROCESSES LIST	FECHA DATE	24-07-2023
		APROBADO APPROVED	

CALIFICACIÓN QUALIFICATION	ESPECIFICACION SPECIFICATION	VALIDEZ VALIDITY
QUALITY SYSTEM: DESIGN, MANUFACTURING, AND ASSEMBLY OF MECHANICAL PARTS FOR THE AEROSPATIAL INDUSTRY	UNE EN 9100:2018	IAW OASIS DATA BASE
PENETRANT INSPECTION	NADCAP AC7114 AND AC7114/1	IAW QSPL (EAUDITNET)
CHEMICAL PROCESSING	NADCAP AC7108, AC7108/1 AND AC7108/2	IAW QSPL (EAUDITNET)
MEASUREMENT AND INSPECTION	NADCAP AC7130 AND AC7130/1	IAW QSPL (EAUDITNET)
AERO STRUCTURE ASSEMBLY	NADCAP AC7135, AC7135/1, AC7135/3 AND AC7135/4	IAW QSPL (EAUDITNET)

PROCESO PROCESS	CLIENTE / ESPECIFICACION CUSTOMER / SPECIFICATION	VALIDEZ VALIDITY
GENERAL ASSEMBLY AND INSTALLATION OF FASTENERS	AIRBUS OPERATIONS AIPS/AIPI 01-02-017	IAW QSPL
INSTALLATION OF BUSHES, SHRINK AND PRESS FIT	AIRBUS OPERATIONS AIPS/AIPI 01-02-19	IAW QSPL
CHEMICAL CONVERSION COATING	AIRBUS OPERATIONS AIPS/AIPI 02-05-001	IAW QSPL
INSTALLATION OF BEARING, SPHERICAL BEARING AND BUSHES BY SWAGING	AIRBUS OPERATIONS AIPS/AIPI 03-03-012	IAW QSPL
APPLICATION OF STRUCTURAL PAINTS	AIRBUS OPERATIONS AIPS/AIPI 05-02-009	IAW QSPL
REWORK OF PAINTS ON METALLIC AND NONMETALLIC STRUCTURAL PARTS	AIRBUS OPERATIONS AIPS/AIPI 05-02-011	IAW QSPL
SEALING OF AIRCRAFT STRUCTURE	AIRBUS OPERATIONS AIPS/AIPI 05-05-001	IAW QSPL
SURFACE PROTECTION OF FASTENERS AND SEALANTS BY APPLICATION OF VARNISH	AIRBUS OPERATIONS AIPS/AIPI 05-05-003	IAW QSPL
WET INSTALLATION OF FASTENERS	AIRBUS OPERATIONS AIPS/AIPI 05-05-004	IAW QSPL
ELECTRICAL BONDING	AIRBUS OPERATIONS AIPS/AIPI 07-01-006	IAW QSPL
PICKLING OF TITANIUM AND ITS ALLOYS	AIRBUS OPERATIONS AIPS/AIPI 09-02-005	IAW QSPL
TARTARIC SULPHURIC ANODISING OF ALUMINIUM ALLOYS FOR CORROSION PROTECTION AND PAINT PRETREATMENT	AIRBUS OPERATIONS AIPS/AIPI 02-01-003	IAW QSPL
PREPARATION OF HOLES IN METALLIC MATERIALS FOR FASTENING	AIRBUS OPERATIONS AIPS/AIPI 01-02-003	IAW QSPL
PENETRANT TESTING	AIRBUS OPERATIONS AITM6-1001	IAW QSPL

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FOR INSPECTION PROCESSES DETERMINATION OF ELECTRICAL CONDUCTIVITY OF ALUMINIUM ALLOYS BY EDDY CURRENT METHOD	AIRBUS OPERATIONS AITM6-6004	IAW QSPL
INSPECTION FOR CONFIRMATION OF THE ANODISING PROCESS (BASED UPON MEASUREMENT OF SURFACE RESISTANCE)	AIRBUS OPERATIONS AITM6-9004	IAW QSPL
ROCKWELL HARDNESS TEST	AIRBUS OPERATIONS ASTME E 18	IAW QTML
APLICACIÓN DE SELLANTES	AIRBUS OPERATIONS I+D-P-146	IAW QSPL
INSPECCIÓN PENETRANTE	AIRBUS OPERATIONS I+D-E-137	IAW QSPL
INSPECCIÓN DEL TRATAMIENTO TÉRMICO DEL ALUMINIO Y SUS ALEACIONES MEDIANTE CONDUCTIVIDAD Y DUREZA	AIRBUS OPERATIONS I+D-E 140	IAW QSPL
INSTALLATION OF BALL BEARING, SPHERICAL BEARING AND BUSHING BY STAKING	AIRBUS OPERATIONS ADET0191	IAW QSPL
ANODIZADO TARTÁRICO SULFÚRICO DEL ALUMINIO Y SUS ALEACIONES	AIRBUS DEFENCE AND SPACE I+D-P 416	NOT APPLICABLE
CONVERSIÓN QUÍMICA DEL ALUMINIO Y SUS ALEACIONES	AIRBUS DEFENCE AND SPACE I+D-P 202	NOT APPLICABLE
PINTURA DE ELEMENTALES Y CONJUNTOS METÁLICOS	AIRBUS DEFENCE AND SPACE I+D-P 060	NOT APPLICABLE
INSPECCIÓN PENETRANTE	AIRBUS DEFENCE AND SPACE I+D-E-137	NOT APPLICABLE
MONTAJE DE CASQUILLOS	AIRBUS DEFENCE AND SPACE I+D-P-366	NOT APPLICABLE
APLICACIÓN DE SELLANTES	AIRBUS DEFENCE AND SPACE I+D-P-146	NOT APPLICABLE
INSPECCIÓN DEL TRATAMIENTO TÉRMICO DEL ALUMINIO Y SUS ALEACIONES MEDIANTE CONDUCTIVIDAD Y DUREZA	AIRBUS DEFENCE AND SPACE I+D-E 140	NOT APPLICABLE
INSTALLATION OF NAS BLIND RIVETS ANDMS-/NASM-AND EN BLIND BOLTS	AIRBUS GERMANY 80-T-34-5822	NOT APPLICABLE
INSTALLATION OF FASTENERS AND NUTS	AIRBUS GERMANY 80-T-34-3001	NOT APPLICABLE
INSTALLATION OF BEARINGS AND BUSHES BY HEATING AND/OR COOLING	AIRBUS GERMANY 80-T-34-3700	NOT APPLICABLE
APPLICATION OF SEALING COMPOUNDS	AIRBUS GERMANY 80-T-34-9600	NOT APPLICABLE
TIGHTENING OF SCREWS AND NUTS	AIRBUS GERMANY 80-T-34-3050	NOT APPLICABLE
DRILLING, REAMING AND COUNTERSINKING OF RIVET AND SCREW HOLES	AIRBUS GERMANY 80-T-30-9910	NOT APPLICABLE

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PAINTING OF DETAIL METALLIC PARTS	STELIA AEROSPACE ADET0071	NOT APPLICABLE
STRUCTURAL RIVETING	STELIA AEROSPACE ADET0078	NOT APPLICABLE NOTE: ONLY MANUAL RIVETING
APPLICATION OF SEALANTS	STELIA AEROSPACE ADET0082	NOT APPLICABLE NOTE: EXCEPT IN FUEL TANK AREA
INSTALLATION OF BALL BEARING, SPHERICAL BEARING AND BUSHING BY STAKING	STELIA AEROSPACE ADET0191	NOT APPLICABLE

PROCESO PROCESS	CLIENTE / ESPECIFICACION CUSTOMER / SPECIFICATION	VALIDEZ VALIDITY
PENETRANT INSPECTION	EMBRAER NE 07-001	26/03/2025
METALLIC PARTS - CLEANING	EMBRAER NE 40-012	26/02/2025
TSA ANODIZING	EMBRAER NE 40-308	16/03/2025
ALUMINUM AND ITS ALLOYS - CHEMICAL CONVERSION COATING	EMBRAER NE 40-006	16/03/2025
<i>ELECTRICAL BONDING (*)</i>	<i>EMBRAER NE 80-008 / PF 80-241</i>	<i>N/A</i>
PRIMER AND/ OR PAINTING APPLICATION	EMBRAER NE40-135, NE40-143, NE 40-159, NE 40-160, NE 40 274, NE 40 157	31/05/2025
SEALING	EMBRAER NE 40-134, NE 40-295, NE 40-296, NE 40-297, NE 40-299	23/06/2025
BEARINGS INSTALLATION	EMBRAER NE 31-002	PENDING TO UPDATE BY EMBRAER
ORGANIC COATING STRIPPING	EMBRAER NE 40-070	PENDING TO UPDATE BY EMBRAER
INSTALLATION OF BUSHES	EMBRAER NE 32-003	25/06/2025
INSERT, SCREW THREAD, THIN WALL, LOCKED IN (M45932/1) - INSTALLATION	EMBRAER NE 06-028	25/05/2025
BONDING - GENERAL	EMBRAER NE 40-218	25/06/2025

(*) NO ES PROCESO ESPECIAL

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ANODIZADO TÁRTARO SULFÚRICO	INDRA UNE-EN-4704	NOT APPLICABLE
CROMATIZADO DE ALUMINIO (SURTEC)	INDRA MIL-DTL-5541 (tipo II)	NOT APPLICABLE
PINTURA	INDRA NOTA: NO ES UN PROCESO CERTIFICABLE ACTUALMENTE	NOT APPLICABLE

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FLUORESCENT PENETRANT INSPECTION	BOMBARDIER BAPS 176-002	NOT APPLICABLE
LABORATORY	BOMBARDIER BAERD GEN-018	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
ALKALINE CLEANING	BOMBARDIER BAPS 180-001	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
AQUEOUS DEGREASING	BOMBARDIER BAPS 180-040	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
ALKALINE ETCHING OF ALUMINUM ALLOYS	BOMBARDIER BAPS 180-030	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
ACID CLEANING AND DEOXIDIZING ALUMINUM ALLOYS	BOMBARDIER BAPS 180-032	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
CONDUCTIVE CHEMICAL CONVERSION TREATMENT FOR ALUMINUM ALLOYS TYPE 2 GRADE B	BOMBARDIER BAPS 160-040	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
HEXAVALENT CHROME FREE CONVERSION COATING TYPE II GR 1 CLASS 1	BOMBARDIER BAPS 160-044	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
CHROME-FREE ACID ANODIZING OF ALUMINUM ALLOYS	BOMBARDIER BAPS 160-045	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
APPLICATION OF FLUID RESISTANT (FR) PRIMER	BOMBARDIER BAPS 138-043	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
APPLICATION OF FLUID RESISTANT (FR) ENAMELS AND DECORATIVE TOP COATS	BOMBARDIER BAPS 138-044	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
ACCELERATED CURING OF ORGANIC COATINGS	BOMBARDIER BAPS 138-055	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
ELECTRICAL BONDING OF AIRCRAFT (ONLY SURFACE PREPARATION)	BOMBARDIER BAPS 145-002	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
HARDNESS AND ELECTRICAL CONDUCTIVITY TESTING OF METALS (LIMITED TO ROCKWELL HARDNESS & CONDUCTIVITY TESTING ONLY.)	BOMBARDIER BAPS 168-013	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)
BARREL AND VIBRATORY FINISHING	BOMBARDIER BAPS 185-001	TEMPORARY APPROVAL PENDING ON SITE AUDIT (UNTIL DECEMBER 2023)