

Without Prejudice

May 21, 2018

Arturo Corona

Centro de Investigación y Desarrollo Tecnológico
en Electroquímica, S.C
Parque Tecnológico Querétaro - Sanfandila,
C.P. 76703, Pedro Escobedo, Qro.

Supplier code# 128189
Notification# 1000060610

RE: Nadcap Accreditation MTL

Dear Mr. Corona

This letter is to inform you that Bombardier has rescinded your approval to the Controlled Specification BAERD GEN-018 Fields 1A, 1B, 3B, 5A,5E from its «Approved Suppliers List» based on the following the desktop audit of May 2018 (Reference REAS 1000060610):

- **Cideteq** does not have the required accreditation from Nadcap MTL for metallic testing. This is a quality requirement in Bombardier QD 4.6-40 revision 8 Section 4.3.1.
NOTE: For Nadcap accreditation applicability, refer to the document « List of controlled specifications » posted in the Supplier Quality Assurance Portal.

Please note that it is Bombardier's policy to purchase only from Approved Suppliers who consistently meet our standards of quality and reliability.

Cideteq must stop all testing activity relate to the previously mention Fields (See test method list in Appendix 1 Table 1) for Bombardier program and their supplier.

Cideteq may continue testing activity to the following Fields (see test method list in Appendix 1 Table 2):

- 4A Physical Properties (specific density, weight, moisture content, TGA, etc)

If your situation changes and you would like to be reconsidered as an “Approved” supplier for the controlled specification BAERD GEN-018 Fields 1A, 1B, 3B, 5A, 5E , you would need to be requalify to this Controlled Specification through the Request For Supplier Evaluation (RFSE) process.

Sincerely yours,

Erika Cerda Chavez

Supplier Quality Assurance

Telephone: (442) 1017500 Ext.:51581

Email: erika.cerda@aero.bombardier.com

cc: Frederic Grenon, Alexandre Bourgeois,
Serafin Barrera, Jose Carlos Garcia

Appendix I

Table 1 List of test method remove from accreditation scope

BATS Number	Title	FIELD
2312	DETERMINATION OF DUCTILITY OF METALLIC MATERIALS BY BENDING TEST	2A
2381	METHOD FOR ROCKWELL AND ROCKWELL SUPERFICIAL HARDNESS TESTING OF METALLIC MATERIALS	3D
2383	MICROHARDNESS TEST METHOD FOR MEASURING THE DEPTH OF DECARBURIZATION OF HEAT TREATED STEEL SPECIMENS	3D
2385	MICROHARDNESS, TESTING OF METALLIC MATERIALS, GENERAL PROCEDURES	3D
2425	INTERGRANULAR OXIDATION OF STEELS, DEPTH EVALUATION OF	3A
2440	CASE DEPTH EVALUATION BY MICROHARDNESS TESTING	3D
2460	MICROHARDNESS TESTING OF ELECTROPLATED DEPOSITS	3D
2463	THICKNESS MEASUREMENT BY MICROSCOPICAL EXAMINATION OF A CROSS SECTION	3A, 3B, 3C
2501	GRAIN SIZE DETERMINATION (ALUMINUM ALLOYS)	3B
2506	DETERMINING VOLUME FRACTION BY MANUAL POINT COUNTING	3A, 3B, 3C
2520	HYDROGEN POROSITY (HTO) OF HEAT-TREATED ALUMINUM ALLOYS, EVALUATION BY MICROEXAMINATION	3B
2521	EUTECTIC MELTING (EM), OF HEAT-TREATED ALUMINUM ALLOYS, EVALUATION BY MICROEXAMINATION	3B
2522	DIFFUSION OF CORE (CD) IN CLAD ALUMINUM ALLOYS, EVALUATION BY MICROEXAMINATION	3B
2524	EVALUATION OF SUSCEPTIBILITY OF STRESS-CORROSION CRACKING (SCC OF METALLIC MATERIALS)	3A, 3B, 3C
2525	SUSCEPTIBILITY TO INTERGRANULAR CORROSION (STIC TEST) OF ALUMINUM ALLOYS, EVALUATION BY MICROEXAMINATION	3B
2543	KNIFE CUT DEFECT EVALUATION	3A, 3B, 3C
2545	EVALUATION OF INTERGRANULAR ATTACK AND END GRAIN PITTING	3A, 3B, 3C
2550	OPTICAL MICROSCOPIC EVALUATION OF THE ANODIC COATING THICKNESS	3B
2551	PLATING ADHESION BY BENDING	2A
2561	SURFACE CONTAMINATION OF TITANIUM ALLOYS, METALLURGICAL EXAMINATION	3C
2700	EVALUATION OF SWAGE CABLE TERMINALS	2A, 3A
2710	SIERRACIN/HARRISON SLEEVES AND UNIONS, EXAMINATION OF	3A, 3B, 3C

BATS Number	Title	FIELD
2711	EVALUATION OF DEUTSCH PERMASWAGE FITTINGS	3A, 3B, 3C
2712	EXAMINATION OF SWAGED WIGGINS TYPE COUPLINGS	3A, 3B, 3C
2751	GROOVE WELD, EXAMINATION FOR WELDER QUALIFICATION	3E
2752	FILLET WELD, EXAMINATION FOR WELDER QUALIFICATION	3E
2753	BEND TESTING OF WELDS	2A
2755	SEAM WELDING, METALLURGICAL EXAMINATION	3E
2756	SPOT WELDING, METALLURGICAL EXAMINATION	3E
3000	TENSION TESTING OF METALLIC MATERIALS	2A
3001	CALCULATION OF YIELD STRENGTH	2A
3002	CALCULATION OF PERCENT ELONGATION	2A
3003	CALCULATION OF PERCENT REDUCTION OF AREA	2A
3008	SHARP-NOTCH TENSION TESTING	2A
3020	SHEAR TEST (DOUBLE) OF ALUMINUM ALLOY RIVETS, WIRE AND RODS	2A
3041	NOTCH STRESS TENSILE RUPTURE TEST	2A
3051	RESIDUAL STRENGTH TESTING OF ALUMINUM ALLOYS	2B
3055	PLANE-STRESS FRACTURE TOUGHNESS TESTING OF ALUMINUM ALLOYS	2B
3056	PLANE-STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS	2B
3075	FATIGUE TESTING	2B
3077	FATIGUE CRACK GROWTH RATE AT A SPECIFIC K VALUE	2B
3080	CHARPY IMPACT TESTING OF METALLIC MATERIALS	2B
3870	SHEAR STRENGTH FOR SPOT WELDING	2A
4874	CORROSIVE EFFECT OF CLEANERS AND PAINT REMOVERS	5A
5040	EVALUATION OF CHEMICAL COMPOSITION BY X-RAY FLUORESCENCE SPECTROSCOPY AND FILTERED LEAST SQUARE SPECTRUM (FLS) DECONVOLUTION (QUANTITATIVE METHOD)	1A
5570	CORROSION RESISTANCE BY SALT SPRAY (FOG) TESTING	5A

BATS Number	Title	FIELD
6100	PREPARATION OF METALLOGRAPHIC SPECIMENS	3A, 3B, 3C

Table 2 List of test method still in accreditation scope

BATS Number	Title	FIELD
3123	FLATWISE COMPRESSION, HONEYCOMB STABILIZED, DRY	Legacy code 2C
3211	SURFACE ROUGHNESS, METHOD FOR MEASURING	4A
3391	TUBE SHEAR STRENGTH OF STRUCTURAL FOAMING ADHESIVES	Legacy code 2D
3400	TENSILE STRENGTH OF NON-METALLIC MATERIALS	Legacy code 2C
3401	CALCULATION OF THE TENSILE MODULUS (LAMINATE)	Legacy code 2C
3403	ELONGATION FOR SEALANTS	Legacy code 2D
3405	FLATWISE TENSILE TEST FOR ADHESIVE SYSTEMS	Legacy code 2D
3423	FLATWISE COMPRESSION, HONEYCOMB, (UNSTABILIZED, DRY)	Legacy code 2C
3440	FLEXURAL STRENGTH OF COMPOSITE MATERIALS	Legacy code 2C
3451	BEARING STRENGTH OF COMPOSITE MATERIALS	Legacy code 2C
3460	TENSILE SHEAR STRENGTH FOR ADHESIVE SYSTEMS	Legacy code 2D
3461	SHEAR STRENGTH FOR SEALANTS	Legacy code 2D
3464	INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD TEST OF COMPOSITE MATERIALS	Legacy code 2C
3470	BEAM SHEAR, SANDWICH FLEXURE TEST OF STRUCTURAL FOAMING ADHESIVE	Legacy code 2D
3471	DOUBLE OVERLAP TENSILE SHEAR STRENGTH FOR ADHESIVE SYSTEMS	Legacy code 2D
3480	PEEL STRENGTH BY CLIMBING DRUM METHOD	Legacy code 2D
3482	PEEL STRENGTH OF SPAR/SKIN JUNCTION FOR COMPOSITE MATERIALS	Legacy code 2C
3488	PEEL STRENGTH FOR SEALANTS	Legacy code 2D

BATS Number	Title	FIELD
4002	COATING THICKNESS DETERMINATION BY NON DESTRUCTIVE PROCEDURE	5E
4004	AREAL WEIGHT AT A SPECIFIED DIAMETER AND BRAID ANGLE - BRAID YARN	4A
4005	LINEAR WEIGHT AT A SPECIFIED DIAMETER - BRAID YARN	4A
4010	FLASH POINT BY TAG CLOSED TESTER	5F
4011	FLASH AND FIRE POINTS BY CLEVELAND OPEN CUP	5F
4012	FLASH POINT BY PENSKY - MARTENS CLOSED TESTER	5F
4015	LINEAR WEIGHT AND THE AVERAGED O.D DIMENSION - BRAID YARN, TRIAXIAL	4A
4026	PICKS PER INCH AT A SPECIFIED DIAMETER - BRAID YARN (BIAXIAL)	4A
4027	BRAID ANGLE AT A SPECIFIED DIAMETER - BRAID YARN (BIAXIAL)	4A
4028	PICKS PER INCH - BRAID YARN, TRIAXIAL	4A
4031	GLASS TRANSITION TEMPERATURE (T _g) - DETERMINATION USING MECHANICAL ANALYZER (DMA)	4B
4041	INFRARED (IR) ANALYSIS OF RESIN SYSTEMS	Legacy code 1C
4042	LIQUID CHROMATOGRAPHY ANALYSIS	Legacy code 1C
4050	FLAMMABILITY PROPERTIES OF AIRCRAFT MATERIALS	4D
4051	FLAMMABILITY PROPERTIES OF AIRCRAFT MATERIALS, 45° ANGLE TEST	4D
4052	FLAMMABILITY TEST OF FIREWALL SEALANT	4D
4061	PREPREG RESIN CONTENT, PHENOLIC	4A
4104	PARTICULATE MATTER OF TURBINE FUELS - GRAVIMETRIC METHOD	5F
4106	WATER, SEDIMENT & SUSPENDED MATTER IN FUELS	5F
4131	ACID NUMBER, DETERMINATION OF	5F
4132	KINEMATIC VISCOSITY OF TRANSPARENT AND OPAQUE LIQUIDS	5F
4136	APPEARANCE OF HYDRAULIC FLUIDS, EVALUATION OF	5F
4138	TRACE SEDIMENT IN OILS	5F

BATS Number	Title	FIELD
4163	WATER IN LIQUID PETROLEUM PRODUCTS	5F
4170	DENSITY OF HYDRAULIC FLUID BY HYDROMETER METHOD, DETERMINATION OF	5F
4171	SOLID PARTICLE CONTAMINATION IN AEROSPACE FLUIDS	5F
4262	VOLATILE CONTENT OF ADHESIVE FILM	4A
4263	RESIN FLOW, ADHESIVE RESIN FILM	4B
4264	GEL TIME, ADHESIVE RESIN FILM	4A
4265	AREAL WEIGHT OF ADHESIVE FILM	4A
4272	TACK OF STRUCTURAL SYNTACTIC FILMS	4A
4273	GEL TIME, STRUCTURAL SYNTACTIC FILMS	4A
4275	RESIN FLOW, STRUCTURAL SYNTACTIC FILM	4B
4312	LOW TEMPERTURE FLEXIBILITY OF COATINGS	5E
4313	WEIGHT CHANGE OF CURED SEALANTS	4A
4314	SPECIFIC GRAVITY OF SEALANTS	4A
4315	STANDARD AND FLUID IMMERSED CURING RATE OF SEALANTS	4A
4317	TACK FREE TIME OF SEALANT	4A
4334	FLOW/SLUMP OF SEALANTS	4A
4335	NON-VOLATILE CONTENT OF SEALANTS	4A
4337	APPLICATION TIME OF SEALANTS	4A
4338	ASSEMBLY TIME OF SEALANTS	4A
4385	VISCOSITY OF SEALANTS, BROOKFIELD VISCOMETER	4B
4461	AREAL WEIGHT CALCULATION OF STRUCTURAL FOAMING ADHESIVES	4A
4462	VOLATILE CONTENT OF STRUCTURAL FOAMING ADHESIVES	4A
4463	EXPANSION RATIO OF STRUCTURAL FOAMING ADHESIVE	4C
4464	EXOTHERM OF STRUCTURAL FOAMING ADHESIVE	4C

BATS Number	Title	FIELD
4465	SLUMP OF STRUCTURAL FOAMING ADHESIVES	4A
4469	POLYURETHANE FOAM SHRINKAGE TEST	4C
4510	FIBER VOLUME, FIBERGLASS LAMINATE	4A
4511	VOID CONTENT, FIBERGLASS LAMINATE	4A
4551	CURED PLY THICKNESS OF FIBERGLASS LAMINATES	4A
4561	RESIN CONTENT OF PREIMPREGNATED FIBERGLASS CLOTH	4A
4562	VOLATILE CONTENT, PREIMPREGNATED FIBERGLASS CLOTH	4A
4563	RESIN FLOW, PREIMPREGNATED FIBERGLASS CLOTH	4B
4564	GEL TIME, PREIMPREGNATED FIBERGLASS CLOTH	4A
4565	AREAL WEIGHT CALCULATION, PREIMPREGNATED FIBERGLASS CLOTH	4A
4566	TACK TEST, PREIMPREGNATED FIBERGLASS CLOTH	4A
4567	TACK TEST OF ALUMINUM FOIL/GLASS FABRIC PREPREG	4A
4613	RESIN SOLIDS CONTENT OF PREIMPREGNATED ORGANIC FIBER CLOTH	4A
4661	RESIN SOLIDS CONTENT OF ORGANIC FIBER EPOXY RESIN LAMINATE	4A
4663	RESIN FLOW, PREIMPREGNATED ORGANIC FIBER EPOXY RESIN	4B
4710	FIBER VOLUME, GRAPHITE LAMINATE	4A
4711	VOID CONTENT, CALCULATION PROCEDURE FOR GRAPHITE LAMINATE	4A
4712	CURED PLY THICKNESS OF COMPOSITE LAMINATES	4A
4761	RESIN CONTENT OF PREIMPREGNATED FIBERGLASS CLOTH	4A
4762	VOLATILE CONTENT, PREIMPREGNATED CLOTH	4A
4763	RESIN FLOW, PREIMPREGNATED GRAPHITE CLOTH AND GRAPHITE UNIDIRECTIONAL TYPE	4B
4764	GEL TIME, PREIMPREGNATED GRAPHITE CLOTH	4A
4765	AREAL WEIGHT CALCULATION, PREIMPREGNATED GRAPHITE CLOTH	4A
4766	TACK TEST, PREIMPREGNATED GRAPHITE CLOTH	4A

BATS Number	Title	FIELD
4767	DRAPABILITY, PREIMPREGNATED GRAPHITE CLOTH	4A
4817	DRYING TIME OF ORGANIC COATINGS	5E
4823	COLOUR OF PIGMENTED COATINGS	5E
4830	NON-VOLATILE CONTENT OF ORGANIC COATINGS	5E
4843	DRY-TO-TAPE TIME DETERMINATION FOR PRIMERS AND ENAMELS	5E
4860	PAINT ADHESION, TAPE TEST	5E
4864	ADHESION OF APPLIED COATINGS BY SCRAPE ADHESION	5E
4866	IMPACT RESISTANCE OF ORGANIC COATINGS	5E
4868	FLEXIBILITY OF ORGANIC COATING MATERIALS	5E
4962	VOLATILE CONTENT, PREIMPREGNATED FIBERGLASS CLOT	4A
5745	EVALUATION OF LUBRICANTS AND COOLANTS	5F
5772	SOLUBLE CHROMATE CONTENT OF CURED SEALANT	1B
5773	IRON CONTENT IN DRY ABRASIVE BLAST	4A
5021	PH DETERMINATION	1B
5071	RESIDUAL CHLORIDES AFTER FLUX REMOVAL FROM WELDED ALLOYS QUALITATIVE METHOD	1B
5072	RESIDUAL IRON AFTER SHOT PEENING, SPOT TEST	1B
5073	COPPER SULPHATE SPOT TEST	1B
5074	OXALIC ACID SPOT TEST	1B
5076	SEALING EFFICIENCY	1B
5077	CHEMICAL SPOT TEST TO DISTINGUISH BETWEEN 2014/2024 AND 7075 ALUMINIUM ALLOYS	1B
5078	DETECTION OF EXPOSED CORE MATERIAL ON DAMAGED CLAD ALUMINUM ALLOY SHEET	1B
5101	ACID ACCEPTANCE, QUANTITATIVE TEST	1B
5102	FREE ACID, QUANTITATIVE TEST	1B
5103	TOTAL ADIC, QUANTITATIVE TEST	1B

BATS Number	Title	FIELD
5111	CHROMIC ACID (FREE), QUANTITATIVE TEST	1B
5112	CHROMIC ACID (TOTAL), QUANTITATIVE TEST	1B
5113	BORIC ACID, QUANTITATIVE TEST	1B
5120	HYDROCHLORIC ACID, QUANTITATIVE TEST	1B
5125	HYDROFLUORIC ACID, QUANTITATIVE TEST	1B
5130	NITRIC ACID - QUANTITATIVE TEST	1B
5135	OXALIC ACID, QUANTITATIVE TEST	1B
5141	SULPHURIC ACID - FREE	1B
5142	SULPHURIC ACID, QUANTITATIVE TEST	1B
5151	METALS, QUANTITATIVE TEST	1B
5160	ALUMINA, CALCULATION METHOD	1B
5161	ALUMINUM, QUANTITATIVE TEST	1B
5165	CADMIUM QUANTITATIVE TEST	1B
5168	HEXAVALENT CHROMIUM, QUANTITATIVE TEST	1B
5170	COPPER, QUANTITATIVE TEST	1B
5175	IRON CONTENT, QUANTATIVE TEST	1B
5177	NICKEL CONTENT, QUANTITATIVE TEST	1B
5180	SILICA, QUANTITATIVE TEST	1B
5185	TITANIUM, QUANTITATIVE TEST	1B
5221	CHLORIDES, QUANTITATIVE TEST	1B
5222	NICKEL CHLORIDE, QUANTATIVE TEST	1B
5241	SODIUM DICHROMATE, QUANTITATIVE TEST	1B
5243	TRIVALENT CHROMIUM, QUANTITATIVE TEST	1B
5253	SODIUM HYDROXIDE, QUANTITATIVE TEST	1B

BATS Number	Title	FIELD
5271	SULPHATES (TOTAL), QUANTITATIVE TEST	1B
5273	SODIUM SULPHIDE, QUANTITATIVE TEST	1B
5310	ALODINE 1000, QUANTITATIVE TEST	1B
5311	ALODINE 1200S, QUANTITATIVE TESTS	1B
5315	AMCHEM, QUANTITATIVE TEST	1B
5316	ALUMON EN, QUANTITATIVE TEST	1B
5317	DEOXALUME 2310, QUANTITATIVE TEST	1B
5320	QUENCHING SOLUTIONS CONCENTRATION	1B
5322	OAKITE 61B, QUANTITATIVE TEST	1B
5323	OAKITE 164, QUANTITATIVE TEST	1B
5324	ACTANE 70, QUANTITATIVE TEST	1B
5326	ELECTRO 245, QUANTITATIVE TEST	1B
5327	SUPER BEE 300LF, QUANTITATIVE TEST	1B
5328	SUPER BEE 400TG, QUANTITATIVE TEST	1B
5330	BATH LIFE, QUANTITATIVE TEST	1B
5332	DEANCO E-PREP 270, QUANTITATIVE TEST	1B
5335	IRIDITE, QUANTITATIVE TEST	1B
5345	MIL-ETCH, QUANTITATIVE TEST	1B
5350	NUVAT, QUANTITATIVE TEST	1B
5351	BRULIN 815 GD CONCENTRATION	1B
5355	TRIETHANOLAMINE, QUANTITATIVE TEST	1B
5360	TURCO 4215 NC-LT, QUANTITATIVE TEST	1B
5365	TURCO AIRLION 4090-14, QUANTITATIVE TEST	1B
5366	TURCO 6906, QUANTITATIVE TEST	1B

BATS Number	Title	FIELD
5367	TURCO 6849, QUANTITATIVE TEST	1B
5370	UCON A, SEPARATION TEMPERATURE	1B
5376	ATOTECH REFLECTALLOYZNA, ALKALINE ZINC-NICKEL PLATING SOLUTION ANALYSIS	1B
5377	DIPSOL IZ-C17+, ALKALINE ZINC-NICKEL PLATING SOLUTION ANALYSIS	1B
5378	ATOTECH ECOTRI SB, ZINC-NICKEL PASSIVATION SOLUTION ANALYSIS	1B
5379	DIPSOL IZ-264, ZINC-NICKEL PASSIVATION SOLUTION ANALYSIS	1B
5382	CALCULATION OF SPECIFIC RATIO CRO3/(SO4)2- (CHROMIC/SULPHURIC)	1B
5383	CALCULATION OF SPECIFIC RATIO HNO3/HF	1B
5384	CALCULATION OF SPECIFIC RATIO METALS/HF	1B
5402	ELECTRICAL CONDUCTIVITY OF DILUTED WATER-BASED SOLUTIONS (TOTAL DISSOLVED SOLIDS) DETERMINATION	1B
5404	TOTAL SOLIDS, QUANTITATIVE TEST	1B
5406	SUSPENDED SOLIDS	1B
5408	SURFACE TENSION	1B
5410	ETCH RATE	1B
5415	WEIGHT CHANGE BY ETCHING	1B
5505	POROSITY TEST OF METALLIC COATINGS	1B
5532	COATING WEIGHT DETERMINATION	1B
5735	CONTAMINATION OF EMULSIFIER BY PENETRANT	1B
5734	HYDROHPILIC EMULSIFIER CONCENTRATION	1B
5736	WATER CONTAMINATION OF PENETRANT	1B
5538	ABRASION RESISTANCE TABER ABRASER	4E
5734	HYDROHPILIC EMULSIFIER CONCENTRATION	1B
5736	WATER CONTAMINATION OF PENETRANT	1B
5735	CONTAMINATION OF EMULSIFIER BY PENETRANT	1B

BATS Number	Title	FIELD
5745	EVALUATION OF LUBRICANTS AND COOLANTS	5F
5772	SOLUBLE CHROMATE CONTENT OF CURED SEALANT	1B
5773	IRON CONTENT IN DRY ABRASIVE BLAST	4A