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COGNE ACCIAI SPECIALI S.p.a.
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CAP. SOC. 100.000.000 EURO IN VALORI
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Company with management systems ISO
approved and certified according to ISO 9001,
ISO/TS 16949 e ISO 14001.

INSPECTION CERTIFICATE 3.1 (EN 10204:2004)
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PAGE 1/2

CUSTOMER: COGNE SPECIALTY STEEL USA, INC
2040272
MANUFACTURER'S WORKS: AOSTA, VIA PARAVERA 16 - ITALY
PRODUCER OF THE DOC: QUALITY DEPARTMENT
MANUFACTURER'S WORKS ORDER NO: 25219252 /70 MARK OF THE MANUFACTURER: COGNE
DISPATCH NOTE: 81128274 /10 WEIGHT: 3,977.07
THE CERTIFIED PRODUCTS ARE COMPLYING TO THE PURCHASE ORDER
INTERNAL SPEC: AMSQCS762-API6A
PRODUCT: 51113 PEL PEELED ROUND BARS TOLERANCE: + 0 - 0,0055±6
SURFACE FINISH: RS SOLUTION ANNEALED
PRODUCT DELIVERY CONDITION: 3.750
PRODUCT DIMENSIONS (Inch): A1S1316/316L UNSS31600/S31603 INTERNAL GRADE:
GRADE: 770055 LENGTH (inch): 00240 /00264
IDENTIFICATION HEAT NO: F316L IMCO
MARKING OF THE PRODUCT: IDENTIFICATION LOT NO: 031920
TEST PIECE N: 192

REFERENCE NORMS: ASTM A276/276M(16), ASTM A479/A479M(16), ASTM A484/A484M(16), ASTM A493/A493M(16), ASTM A504/A504M(16), ASTM A564/A564M(16), ASTM A566/A566M(16), ASTM A568/A568M(16), ASTM A570/A570M(16), ASTM A572/A572M(16), ASTM A574/A574M(16), ASTM A575/A575M(16), ASTM A576/A576M(16), ASTM A578/A578M(16), ASTM A580/A580M(16), ASTM A581/A581M(16), ASTM A582/A582M(16), ASTM A583/A583M(16), ASTM A584/A584M(16), ASTM A585/A585M(16), ASTM A586/A586M(16), ASTM A587/A587M(16), ASTM A588/A588M(16), ASTM A589/A589M(16), ASTM A590/A590M(16), ASTM A591/A591M(16), ASTM A592/A592M(16), ASTM A593/A593M(16), ASTM A594/A594M(16), ASTM A595/A595M(16), ASTM A596/A596M(16), ASTM A597/A597M(16), ASTM A598/A598M(16), ASTM A599/A599M(16), ASTM A600/A600M(16), ASTM A601/A601M(16), ASTM A602/A602M(16), ASTM A603/A603M(16), ASTM A604/A604M(16), ASTM A605/A605M(16), ASTM A606/A606M(16), ASTM A607/A607M(16), ASTM A608/A608M(16), ASTM A609/A609M(16), ASTM A610/A610M(16), ASTM A611/A611M(16), ASTM 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Company with management systems ISO
approved and certified according to ISO 9001,
ISO/TS 16949 e ISO 14001.

INSPECTION CERTIFICATE 3.1 (EN 10204:2004)
DOCUMENT NUMBER 2017030630
PAGE 2/2

TENSILE TEST IN AS DELIVERY CONDITION
Control lot No. - Weight : 020000687819
SPECIFICATION EN-ISO6892-1 2,376 KG

MEASUREMENT UNIT	Rm MPa	Rp0.2 MPa	A %	Z %	Direction of the test piece: L	Rp1.8 MPa
OBTAINED	613	276	57.8	78.8		310

GRAIN SIZE
Control lot No. - Weight : 020000687819 - 2,376 KG
SPECIFICATION ASTM E112 --
OBTAINED 4 6

EDDY CURRENT INSPECTION OF SURFACE ACCORDING TO EN 10277-1 Class.4: SATISFACTORY.
CORROSION TEST ACCORDING TO ASTM A262 Practice E EN ISO 3651-2: SATISFACTORY.

TENSILE TEST
Control lot No. - Weight : 020000687819 - 2,376 KG
SPECIFICATION ASTM A370-ER-0.5" SPEC
DIRECTION OF THE TEST PIECE: L

MEASUREMENT UNIT	Rm B KSI	Rp0.2 P KSI	Z B %	A12 D %
OBTAINED	90	38	78.6	50.7

DIMENSIONAL CONTROL ACCORDING TO EN 10278 AND ASTM A484: SATISFACTORY.

NO WELDING REPAIR ON THE MATERIAL
ULTRASONIC TEST ACCORDING TO EN 10308 CLASS 3, EQUIVALENT TO SEP 1920 GROUP 3 CLASS C (CLASS B FOR SIZES > 75 MM) AND ASTM A388 FBII
5 (ONLY FOR SIZES > 100 MM): SATISFACTORY
100% ANTIMIX TEST CARRIED OUT

HEAT TREATMENT PERFORMED IN CALIBRATED FURNACES ACCORDING TO INTERNAL PROCEDURE PR-GDQ. ITT COMPLYING WITH API6A Annex M.
QC OBTAINED ON PROLONGATION OF BARS ACCORDING TO THE RULES OF EN10088-3 AND API6A.
THE MATERIAL IS FREE OF ANY MERCURY, MERCURY COMPOUNDS AND/OR RADIUM CONTAMINATION AT TIME OF SHIPMENT AND WAS PRODUCED WITHOUT
USING OZONE DEPLETING SUBSTANCES OF CLASS J AND II.
THE PRODUCT SATISFIES CE DIRECTIVES: 2011/65 (ROHS2) - 2000/53 - 2002/95 (ROHS) - 2003/11 - 2005/618 AND PED 2014/68/ EU.
MARKING: PRODUCER LOGO, MATERIAL NO, HEAT NO, LOT NR.
COUNTRY OF ORIGIN: ITALY, THE MATERIAL COMPLIES WITH PAR DEARS
252-225-7009 ALT 1.

THE ABOVE ARE TRUE AND CORRECT RESULTS OF TESTS ON SAMPLES OF THE MATERIAL. RESULTS ARE CONFORM TO THE SPECIFICATION(S) APPLICABLE
AND ARE RECORDED.
THE RECORDING OF FALSE, FICTIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHABLE AS A FELONY UNDER U.S.
FEDERAL STATUTES.
ALL THE NORMS MENTIONED ARE INTENDED IN THEIR LATEST REVISION AT THE DATE OF ISSUE OF THIS DOCUMENT.

Aug 30/17

DATE 09.06.2017

ANTONIO CARMELO CRFA FC (QUALITY CERTIFICATOR) - ELECTRONICALLY GENERATED CERTIFICATE

-Cogne