



COGNE ACCIAI SPECIALI S.p.a.

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Company with Management Systems  
certified according to ISO 9001, IATF 16949,  
EN 9100 and ISO 14001.

INSPECTION CERTIFICATE 3.1 (EN 10204:2004)  
DOCUMENT NUMBER 2020000836  
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MANUFACTURER'S WORKS: AOSTA - VIA PARAVERA 16 - ITALY  
PRODUCER OF THE DOCUMENT: QUALITY DEPARTMENT  
MANUFACTURER'S WORKS ORDER NO.: 2126130127 MARK OF THE MANUFACTURER: **COGNE**  
THE CERTIFIED PRODUCTS ARE COMPLYING TO THE PURCHASE ORDER, EXCEPT FOR EXEMPTIONS AGREED WITH THE CUSTOMER, IF ANY.

INTERNAL SPEC:	EN100883QT900				
PRODUCT:	51882 SPE ROUGHPEELED	ROUND BARS TOLERANCE:	+ 1,500 - 0,0000		
SURFACE FINISH:	1X Hot Finished				
PRODUCT DELIVERY CONDITION:	BN QUENCHED AND TEMPERED				
PRODUCT DIMENSIONS (mm):	150,000	LENGTH (mm)	04000 /06000		
GRADE:	WN.1.4313	INTERNAL GRADE:	E415 1		
IDENTIFICATION HEAT NO:	901021	IDENTIFICATION LOT NO:	480190		
MARKING OF THE PRODUCT:	1.4313	TEST PIECE N:	019		

MATERIAL CONFORMING TO EN10088-3  
STEELMAKING EAF + AOD  
HOT ROLLED  
REDUCTION RATIO 13,5

CHEMICAL LABEL ANALYSIS ACCORDING TO ASTM A578 - EN ISO 14284  
Control lot No. - Weight :020000793932 - 84,991 KG

ELEMENTS OBTAINED	C	Si	Mn	P	S	N	Cr	Mo	Ni
	0,021	0,43	0,68	0,019	0,0010	0,027	12,81	0,52	4,16

IMPACT TEST IN AS DELIVERY CONDITION  
Control lot No. - Weight :020000794338 - 3.181 KG

SPECIFICATION	EN ISO 148-1-KV2	DIRECTION OF THE TEST PIECE:	L
TYPE OF TEST PIECE	KV		
TEST TEMPERATURE °C	20		
MEASUREMENT UNIT	J		
OBTAINED	183	186	195

TENSILE TEST IN AS DELIVERY CONDITION  
Control lot No. - Weight :020000794338 - 3.181 KG

SPECIFICATION	EN-ISO6892-1	DIRECTION OF THE TEST PIECE:	L
	RM	RP02	A5
MEASUREMENT UNIT	MPA	MPA	%
			5.0 D
OBTAINED	966	913	17,2

MARKING: PRODUCER LOGO, MATERIAL NO, HEAT NO, LOT NR.  
ALL THE NORMS MENTIONED ARE INTENDED IN THEIR LAST REVISION AT THE DATE OF ISSUE OF THIS DOCUMENT.  
VISUAL INSPECTION OF SURFACE AND DIMENSIONAL CONTROL ACCORDING TO EN 10221 CLASS C AND EN 10060: SATISFACTORY.  
ULTRASONIC TEST ACCORDING TO EN 10308 Class 3, equivalent to SEP 1920 Group 3 Class C and ASTM A388 FBH 3 for size < = 120 mm and to EN 10308 Class 3, equivalent to SEP 1920 Group 3 Class C and ASTM A388 FBH 5 for size > 120 mm.  
ANTIMIX TEST WITH PORTABLE SPECTROMETER: SATISFACTORY.  
NO WELDING REPAIR ON THE MATERIAL.