

C316452

PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE																					
		Contract No.: 20002 TECHN.PROTOCOL № 390-11 SPEC.№ 3880/P052069 DIN EN 10088-3-05,DIN EN 10272-08,AD2000-Merkblatt W2;AD 2000-Merkblatt W10;ASTM A182/A182M-10;ASME SA-182/SA-182M-10;ASTM A276-10;ASTM A314-08,ASTM A479/A479M-10;ASME SA-479/SA-479M-10;ASTM A484/A484M-10;AMS-QQ-S-763B-06 Cond.A;AMS 5648K-07;AMS 5653F-07;ASTM A193/A193M-10GR B8M,CL1(EXC PAR 7.2); ASME SA-193/SA-193M-10 GR B8,CL 1(EXC PAR 7.3); <b>NACE MR 0175-03</b> ;NACE MR 0103-10											Sheets: 1 Sheet: 1 <b>INSPECTION CERTIFICATE EN10204/3.1 Nr. 375531</b> PLANT ORDER № 8014903880								
		CUSTOMER <b>DSS INTERNATIONAL</b> SA Switzerland			<b>PRODUCT DESCRIPTION</b> Bars and rods of corrosion-resistant (stainless) steel hot rolled, peeled on Landgraf line.Прутки из коррозионностойких (нержавеющих) сталей горячекатаные, обточенные на линии Ландграф. <b>STEEL MAKING PROCESS: EAF+AOD</b> <b>СПОСОБ ВЫПЛАВКИ:</b> Электродуговая печь+АКР Round 5.00in/127.0 mm L=5.62m /18.426ft; <b>Grade: 316/316L/1.4401/1.4404</b>											QUANTITY: 1bund Q-3832 lb/1738kg (number of pcs)  Delivery condition solution annealed :1900° F(1040° C)water 30minutes термообработка:закалка в воду					
ANALYSIS, %		C	Si	Mn	P	S	Cr	Ni	Mo	Al	Cu	V	W	Ti	Co	Nb	N	Sn	B		
REQUIRED		<.030	<1,00	1.20-2.00	≤.040	.015-.030	16.50-18.00	10.00-13.00	2.00-2.50	<.10	<.40	<.10	<.20	<.15	<.40	<.20	<.10				
CAST № A10541		.021	.45	1.41	.040	.026	16.78	10.24	2.04	.079	.28	.05	.05	.005	.14	.01	.032	.0096	.0022		
DIN EN 10002-1,ASTM A370-09																					
MECHANICAL PROPERTIES		Yield Strength, (N/mm <sup>2</sup> ) R0.2% R1.0%		Tensile Strength, Rm, (N/mm <sup>2</sup> )		Elongation		Reduction of area, Z % L	Brinell Hardness HB		Impact strength, KV, J		<b>TECHNICAL REQUIREMENTS:</b> Macrostructure – GOOD GRAIN SIZE : 5 to ASTM E 112-96(2004) Nonmetallic inclusions ASTM E 45-05 (Method A) A B C D thin thick thin thick thin thick thin thick 3.0 2.0 2.0 1.0 0.0 0.0 1.0 1.0 ICC-ASTM A262-08 (practice E)-test: O.K. Dimension/surface defects test, anti-mixing test – OK We acknowledge that the delivered products conform to the requirements of the order Ratio of reduction-22.3:1								
						A5 % L Q	In 2 inches (50mm) or 4D,min,% L				L	Q									
REQUIRED		205	240	515-690	40 -	40	50	140-217	100	-											
EFFECTIVE		286	314	576	60 -	58	75	170	219 219 219	-											
Mechanical properties tested in state of delivery																					
US - testing		yes	Results: ASTM A388/A388M-FBH1/8";EN 10308 type 1a;class 3:OK																		
Radiation free; mercury free. No Weld or Weld repair.																					
Date: 16.11.2021 Manager of quality assurance department - V. Kapaieva Signed: Zaporozhye Melted and Produced in Ukraine. MELTED and MANUFACTURED PrJSC " Dnipropetsstal" Phone number +380612834255 e-mail: info@dss.com.ua http://www.dss-ua.com																					

Provided by CPA

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