



C303497

PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE

	Contract No.: 20002 TECHN.PROTOCOL № 390-11 SPEC.№ 3055/PO51518 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-10 GR B8M, CL1 (EXC PAR 7.2); ASME SA-193/SA-193M-10 GR B8, CL 1 (EXC PAR 7.3); NACE MR 0175-03; NACE MR 0103-10	Sheets: 2 Sheet: 1 INSPECTION CERTIFICATE EN10204/3.1 Nr. 372531 PLANT ORDER № 8014903055
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	CUSTOMER DSS INTERNATIONAL SA Switzerland	PRODUCT DESCRIPTION Bars and rods of corrosion-resistant (stainless) steel hot rolled, peeled on Landgraf line. Прутки из коррозионностойких (нержавеющих) сталей горячекатаные, обточенные на линии Ландграф. STEEL MAKING PROCESS: EAF+AOD СПОСОБ ВЫПЛАВКИ: Электродуговая печь+АКР Round 3.750m/95.25 mm L=4.720/15.000ft Grade: 316/316L/1.4401/1.4404	QUANTITY: (number of pcs) 1bund Q-5935lb/2692kg Delivery condition solution annealed :1900°F(1040°C)water 30minutes термообработка:закалка в воду
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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 № A10116	.023	.41	1.34	.040	.024	16.90	10.28	2.05	.064	.33	.06	.05	.005	.14	.01	.030	.0104	.0024

DIN EN 10002-1, ASTM A370-09										TECHNICAL REQUIREMENTS:										
MECHANICAL PROPERTIES	Yield Strength, (N/mm ²) R0.2% R1.0%		Tensile Strength, Rm, (N/mm ²)	Elongation		Reduction of area, Z% L	Brinell Hardness HB	Impact strength, KV, J												
	L	Q		A, %	In 2 inches (50mm) or 4D, min. % L			L	Q	A B C D										
REQUIRED	205	240	515-700	40	-	40	50	140-217	100	-	thin thick thin thick thin thick thin thick				3.0 2.0 2.0 2.0 0.0 0.0 1.0 1.0					
EFFECTIVE	296	337	564	60	-	58	78	163	203 203 203	-										
	300	331	568	60	-	58	78	163	201 201 201	-										

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-35.1:1

US - testing	yes	Results: ASTM A388/A388M-FBII1/8"; EN 10308 type 1a; class 3: OK	Date: 04.08.2021 Manager of quality assurance department - V. Kapaieva Signed:
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Radiation free; mercury free. No Weld or Weld repair.	Melted and Produced in Ukraine. MELTED and MANUFACTURED PrJSC " Dnipropetsstal" Phone number +380612834255 e-mail: info@dss.com.ua http://www.dss-ua.com
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