




SN # 6276 NPS 2 FOEL 80 C322245

PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE

		Contract No.: 20002 TECHN. PROTOCOL № 390-11 SPEC. № 3880/PO52069 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, CL1 (EXC PAR 7.3); NACE MR 0175-03; NACE MR 0103-10		INSPECTION CERTIFICATE EN10204/3.1 Nr. 375870 PLANT ORDER № 8014903880															
		CUSTOMER DSS INTERNATIONAL SA Switzerland		QUANTITY: 1bund Q-961 lb/4362kg 1bund Q-2892 lb/1312kg 1bund Q-2892 lb/1312kg Delivery condition solution annealed :1900°F(1040°C)water 30minutes термообработка:закалка в воду															
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 ВЫПУСККИ: Электроплавочная печь+AOK Round 3.750in/95.25 mm L=3.740/12.262ft L=5.650m/18.525ft L=5.640/18.492ft Grade: 316/316L/1.4401/1.4404																	
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 № A10595		.025	.49	1.31	.038	.027	16.67	10.22	2.05	.075	.29	.05	.10	.006	.14	.01	.028	.009	.0024
MECHANICAL PROPERTIES		Tensile Strength, Rm (N/mm²)		Elongation A ₅ % L Q In 2 inches (50mm) or 4D, min.% L		Brinell Hardness HB		Impact strength, KV, J L Q											
REQUIRED		515-690		40 - 40		140-217		100											
EFFECTIVE		275 316 320		58 - 57		163 163		201 201 201 199 199 199											
Mechanical properties tested in state of delivery																			
US - testing		yes		Results: ASTM A388/A388M-FBH1/8"; EN 10308 type Ia, class 3-OK															
Radiation free; mercury free. No Weld or Weld repair.																			
TECHNICAL REQUIREMENTS: 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 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-35:1:1									
Date: 30.11.2021 Manager of quality assurance department - V. Kapateva Signed:																			
Melted and Produced in Ukraine. MELTED and MANUFACTURED PrJSC "Dniprospechtal" Phone number +380612834255 e-mail: info@dss.com.ua http://www.dss-ua.com																			

Provided by CPA
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