



SN# 6301

2 FOEL 40

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,CL 1(EXC PAR 7.3);NACE MR 0175-03;NACE MR 0103-10										INSPECTION CERTIFICATE EN10204/3.1 Nr. 375870 PLANT ORDER № 8014903880								
 GMS Certified		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 3.750in/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						QUANTITY: (number of pcs) 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						
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	
DIN EN 10002-1,ASTM A370-09																				
MECHANICAL PROPERTIES		Yield Strength, (N/mm²) R0.2% R 1.0%		Tensile Strength, Rm, (N/mm²)		Elongation		Reduction of area, Z % L	Brinell Hardness HB	Impact strength, KV, J		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 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								
						A ₅ % L Q	In 2 inches (50mm) or 4D,min,% L			L	Q									
REQUIRED		205	240	515-690		40 -	40	50	140-217	100	-									
EFFECTIVE		275 277	316 320	540 542		58 - 58 -	57 57	75 75	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 1a;class 3:OK																	
Radiation free; mercury free. No Weld or Weld repair.																				
										Date: 30.11.2021 Manager of quality assurance department - V. Kapaieva Signed: Zaporozhye Melted and Produced in Ukraine. MELTED and MANUFACTURED PrJSC " Dniprospetsstal" Phone number +380612834255 e-mail:info@dss.com.ua http://www.dss-ua.com										

Provided by CPA

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