
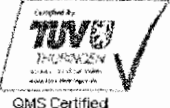



C294938

**PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE**

	<p>Contract No.: 20002          TECHN.PROTOCOL № 390-11 SPEC.№ 1859/PO50615          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</p>	<p><b>INSPECTION CERTIFICATE EN10204/3.1 Nr. 369572</b>          PLANT ORDER № 8014901859</p>
	<p><b>CUSTOMER</b>  <b>DSS INTERNATIONAL</b>  <b>SA Switzerland</b></p>	<p><b>PRODUCT DESCRIPTION</b>          Bars and rods of corrosion-resistant (stainless) steel hot rolled, peeled on Landgraf line. Прутки из коррозионноустойчивых (пержаветоющих) сталей горячекатаные, обточенные на линии Ландграф.  <b>STEEL MAKING PROCESS: EAF+AOD</b>  <b>СПОСОБ ВЫПЛАВКИ: Электродуговая печь+АКР</b>          Round 6.25in/158.75 mm L=17.639m/5.38 m  <b>Grade: 316/316L/1.4401/1.4404</b></p>
		<p><b>QUANTITY:</b> <b>1bund Q-3836 lb/1740 kg</b>          (number of pcs)</p>
		<p>Delivery condition          solution annealed :1900°F(1040°C)water 30minutes          термообработка:закалка в воду</p>

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 № A09826	.026	.40	1.36	.040	.024	17.08	10.25	2.10	.067	.37	.07	.05	.005	.16	.01	.032	.0092	.0024

DIN EN 10002-1, ASTM A370-09										TECHNICAL REQUIREMENTS:									
MECHANICAL PROPERTIES	Yield Strength, (N/mm <sup>2</sup> ) R0.2% R 1.0%		Tensile Strength, Rm, (N/mm <sup>2</sup> )	Elongation		Reduction of area, Z % L	Brinell Hardness HB	Impact strength, KV, J		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 2.0 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-15.1:1									
	L	Q		A, %	In 2 inches (50mm) or 4D, min, % L			L	Q										
REQUIRED	205	240	515-700	40 -	40	50	140-217	100	-										
EFFECTIVE	292	325	566	61 -	60	79	167	213 213 213	-										

US - testing	yes	Results: ASTM A388/A388M-FBH1/8";EN 10308 type 1a;class 3:OK	Date: 12.05.2021 <b>Manager of quality assurance</b> 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
Radiation free; mercury free. No Weld or Weld repair.			

ANS