




C224522

## PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYYE, UKRAINE

	Contract No.: 20002 TECHN.PROTOCOL № 390-11 SPEC.№ 0111/PO44618 DIN EN 10088-3-05, DIN EN 10272-08, DIN EN 10222-5-00, 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; ASME SA-193/SA-193M-10 GR B8, CL 1; ASTM A320/A320M-08 GR B8M, CL 1; ASME SA-320/SA-320M-10 GR B8, CL1; <b>NACE MR 0175-03; NACE MR 0103-10</b>										<b>Sheets:4</b> <b>Sheet: 2</b>																																																															
	<b>CUSTOMER</b> <b>DSS INTERNATIONAL</b> <b>SA Switzerland</b>										<b>INSPECTION CERTIFICATE</b> EN10204/3.1 Nr.336960 PLANT ORDER № 8014900111																																																															
 GMS Certified	<b>PRODUCT DESCRIPTION</b> Bars and rods of corrosion-resistant (stainless) steel forged, peeled. Прутки из коррозионностойких (нержавеющих) сталей кованные, обточенные. <b>STEEL MAKING PROCESS:</b> EAF+AOD <b>СПОСОБ ВЫПЛАВКИ:</b> Электродуговая печь+АКР Round 11.000in/279.40 mm L=13.918 ft/4.245m; L=13.770 ft/4.20m; <b>Grade: 316/316L/1.4401/1.4404</b>										<b>QUANTITY:</b> (number of pcs) <b>1bund Q-4678 lb/2122 kg</b> <b>1bund Q-4638 lb/2104 kg</b>																																																															
	<b>Delivery condition</b> solution annealed :1940° F(1060°C)water 30minutes термообработка:закалка в воду																																																																									
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DIN EN 10002-1, ASTM A370-09										<b>TECHNICAL REQUIREMENTS:</b> Macrostructure – GOOD GRAIN SIZE : 5 to ASTM E 112-96(2004) Nonmetallic inclusions ASTM E 45-05 (Method A) <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>thin</td> <td>thick</td> <td>thin</td> <td>thick</td> </tr> <tr> <td>3.0</td> <td>2.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>1.0</td> </tr> </tbody> </table> 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/Подтверждаем, что поставленная продукция соответствует требованиям заказа Ratio of reduction-7.4:1								A	B	C	D	thin	thick	thin	thick	3.0	2.0	2.0	1.0	0.0	0.0	0.0	1.0																																									
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Mechanical properties tested in state of delivery										Manufacturer: PrJSC DNIPROSPETSSTAL Date: 16.08.18 <b>Manager of quality assurance department</b> - V. Kapaieva Signed:  Zaporozhye Made in Ukraine.																																																																
US - testing		yes	Results: ASTM A388/A388M-FBHI/5"; EN 10228-4 type 1a; class 3:OK																																																																							
Radiation free; mercury free. No Weld or Weld repair.																																																																										

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