




HT# A05575 SW# 4945

C22996

Pr-JSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE		Contract No: 20002																																																										
 TECHN. PROTOCOL № 390-11 SPEC № 7683/PO42853-FD DIN EN 10088-3-05 DIN EN 10272-08 AD 2000-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 CL1EXC PAR 7.2) ASME SA-193/SA-193M-10 GR B8 CL1EXC PAR 7.3) NACE MR 0175-03 NACE MR 0103-10	SHEETS: 3 SHEET: 2 INSPECTION CERTIFICATE EN10204/3 1 Nr. 329829 PLANT ORDER № 8014907683	QUANTITY: Ibund Q-3845 lb/1744 kg Ibund Q-2562 lb/1162 kg Delivery condition solution annealed : 1900° F (1040° C) water 30minutes термообработка: закалка в воду																																																										
	CUSTOMER <b>DSS INTERNATIONAL</b> SA Switzerland  GMS Certified	<b>PRODUCT DESCRIPTION</b> Bars and rods of corrosion-resistant (stainless) steel hot rolled, peeled on Landgraf line. Прутки из коррозионностойких (нержавеющих) сталей горячекатаные, обработанные на линии Ландграф. <b>STEEL MAKING PROCESS: EAF-AOD</b> <b>СПОСОБ ВЫПУСКОВ: Электродуговая печь-AKP</b> Round 5 000mm/127 00 mm L=5.630m/18.459ft L=5.630m/18.459ft <b>Grade: 316/316L/1.4401/1.4404</b>	ANALYSIS, % <table border="1"> <thead> <tr> <th></th> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>Al</th> <th>Cu</th> <th>V</th> <th>W</th> <th>Ti</th> <th>Co</th> <th>Nb</th> <th>N</th> <th>Sn</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>REQUIRED</td> <td>&lt;0.30</td> <td>&lt;1.00</td> <td>1.20-2.00</td> <td>&lt;0.40</td> <td>-0.15-0.30</td> <td>16.50-18.00</td> <td>10.00-13.00</td> <td>2.00-2.50</td> <td>&lt;.10</td> <td>&lt;.40</td> <td>&lt;.10</td> <td>&lt;.20</td> <td>&lt;.15</td> <td>&lt;.40</td> <td>&lt;.20</td> <td>&lt;.10</td> <td></td> <td></td> </tr> <tr> <td>CAST № A05575</td> <td>0.18</td> <td>.44</td> <td>1.36</td> <td>.039</td> <td>.024</td> <td>17.28</td> <td>10.24</td> <td>2.07</td> <td>.068</td> <td>.32</td> <td>.05</td> <td>.08</td> <td>.005</td> <td>.11</td> <td>.015</td> <td>.026</td> <td>.0096</td> <td>.0025</td> </tr> </tbody> </table>			C	Si	Mn	P	S	Cr	Ni	Mo	Al	Cu	V	W	Ti	Co	Nb	N	Sn	B	REQUIRED	<0.30	<1.00	1.20-2.00	<0.40	-0.15-0.30	16.50-18.00	10.00-13.00	2.00-2.50	<.10	<.40	<.10	<.20	<.15	<.40	<.20	<.10			CAST № A05575	0.18	.44	1.36	.039	.024	17.28	10.24	2.07	.068	.32	.05	.08	.005	.11	.015	.026	.0096
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<b>Mechanical properties tested in state of delivery</b>		Manufacturer: Pr-JSC DNIPROSPETSSTAL Date: 26.01.18 <b>Manager of quality assurance department - V. Kapaieva</b> Signed:  Zaporozhye Made in Ukraine.																																																										
<b>US - testing</b>	yes	Results: ASTM A388/A388M)-FBH1/8", EN 10308 type Ia, class 3 OK																																																										
Radiation free, mercury free. No Weld or Weld repair.																																																												