




PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYYE, UKRAINE																	
	Contract No.: 20002 TECHN.PROTOCOL № 390-11 SPEC. № 3083/P931996-842 DIN EN 10088-3-05, DIN EN 10272-08, DIN EN 10222-5-00, AD2000-Merkblatt W2; AD 2000-Merkblatt W10; ASTM A182/A182M-10; ASME SA-182/SA-182M-0; ASTM A276-10; ASTM A314-08, ASTM A419/A479M-10; ASME SA-479/SA-479M-10; ASTM A434/A434M-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; NACE MR 0175-03; NACE MR 0101-10												Sheets: 5 Sheet: 1 INSPECTION CERTIFICATE EN10204/3.1 Nr.347744 PLANT ORDER № 8081903083				
	CUSTOMER DSS INTERNATIONAL SA Switzerland Purchase number 509378												PRODUCT DESCRIPTION Bars and rods of corrosion-resistant (stainless) steel forged, peeled. Прутки из коррозионноустойчивых (нержавеющих) сталей кованные, обточенные. STEEL MAKING PROCESS: EAF+AOD СПОСОБ ВЪИЛЛВККИ: Электродуговая печь+АКР Round 8.00in/215.90 mm L=15.836 ft/4.830m L=14.557 ft/4.400m L=14.525 ft/4.430m Grade: 316/316L/1.4401/1.4404				
																	
DIN EN 10002-1, ASTM A370-09																	
MECHANICAL PROPERTIES		Yield Strength, (N/mm ²) R0.2% R 1.0%		Tensile Strength, Rm, (N/mm ²)		Elongation A5% L Q In 2 inches (50mm) or 4D, min. % L		Reduction of area, Z% L		Brinell Hardness HB		Impact strength, KV J L Q					
REQUIRED		205	240	515-690	45 35	40	50	140-223	100	60							
EFFECTIVE		288 290	304 306	559 559	58 51 58 51	5'' 5''	73 73	163 163	200 200 200 198 198 198	65 65 65 64 64 64							
Mechanical properties tested in state of delivery																	
US testing		yes	Results: ASTM A383/A388M-FBH1/8"; EN 10228-4 type 1a; 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 thin thick 3.0 2.0 3.0 2.0 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/Подтверждаем, что поставленная продукция соответствует требованиям заказа Ratio of reduction-8.3:1 Manufacturer: PrJSC DNIPROSPETSSTAL Date: 26.07.19 Manager of quality assurance department - V. Kapaieva Signed:  Zaporozhye Made in Ukraine.																	

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 SHIP # 20975

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