

99507 - 6.25in 0109370

PJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE DSRB3955-6

Contract No.: 50005
 TECHN.PROTOCOL № 210-11 SPEC.№ 0628/PO L41283
 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-Q-Q-S-763B-06 Cond.A; AMS 5639H-07;AMS 5647H-07;ASTM A193/A193M-10GR B8,CL1 (EXC PAR 7.2);ASME SA-193/SA-193M-10GR B8,CL1(EXC PAR 7.3);NACE MR 0175-03;NACE MR 0103-10

Sheets:8 Sheet: 6
QUALITY CERTIFICATE EN10204/3.1 Nr.275055
 PLANT ORDER № 8023400628


CUSTOMER
DSS INTERNATIONAL SA
 Switzerland
 Commodity code
 RB4L0616/DS
 QMS Certified

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 6.250in/158.75 mm L=4.800-4.890m/15.738-16.033ft L=4.820-4.950m/15.803-16.230ft
 Grade: 304/F304/304L/F304L

QUANTITY: 1bund Q-3426 lb/1554 kg
 (number of pcs) 1bund Q-3457 lb/1568 kg

Delivery condition
 solution annealed :1900-2010°F(1040-1100°C)/water термообработка:закалка в воду

ANALYSIS, %	C	Si	Mn	P	S	Cr	Ni	Mo	Al	Cu	V	W	Ti	Co	Nb	N ₂
REQUIRED	<.030	<1.00	1.25-2.00	<.040	.020-.030	18.00-20.00	8.00-10.50	<.30	<.10	<.40	<.10	<.20	<.15	<.40	<.20	<.10
CAST № 99507	.018	.64	1.56	.032	.027	18.63	8.28	.24	.071	.26	.06	.10	.005	.09	.013	.070

MECHANICAL PROPERTIES	Yield Strength, Ksi(N/mm ²) R _e (R _{0.2})	Tensile Strength, Rm,ksi (N/mm ²)	Elongation A ₅ %	Reduction of area, Z %	Brinell Hardness HB	Impact strength, KV, J
REQUIRED	30(205)	75 (515)	45	50	140-223	100
EFFECTIVE	44(302)	84.9(583)	57	79	174	296

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
2.0	1.0	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

Mechanical properties tested in state of delivery

US - testing yes Results: SEP 1921,group 3/class Dd - OK

Radiation free; mercury free. No Weld or Weld repair.

Manufacturer: PJSC DNIPROSPETSSTAL
 Date: 26.07.13 Manager of quality assurance department - V. Kapaieva Signed: 
 Zaporozhyc
 Made in Ukraine.

DSB2039008, 09

MILL TEST REPORT
 Customer: ASAFITO PO#:P033453-TO SO#:LBXP47
 Item:RB4L0616 Bundle:DSB2039008 Heat#:99507
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 MTR#:DSRB3955-6-GIF

Job# 516