




SN# 6400-01.

DSRB359053_5

PrJSC DNIPROSPETSSTAL, YUZHNOYE SHOSSE 81, 69008 ZAPOROZHYE, UKRAINE

	Contract No.: 20002 TECHN.PROTOCOL № 210-11 SPEC.№ 8181/PO L0535 ASTM A182/A182M-19;ASME SA-182/SA-182M-17;ASTM A276-17;ASTM A314-19;ASTM A479/A479M-19;ASME SA-479/SA-479M-17;ASTM A484/A484M-19;AMS-QQ-S-763D-15 Cond.A; AMS 5648M-16;AMS 5653J-19;ASTM A193/A193M-19 GR B8M,CL1 ;ASME SA-193/SA-193M-17 GR B8M,CL1;ASTM A320/A320M-18 GR B8M,CL 1; ASME SA-320/SA-320M-17 GR B8M,CL 1;ANSI/NACE MR 0175/ISO 15156-3-15;ANSI/NACE MR 0103/ISO 17945-15	Sheets: 5 Sheet: 5 INSPECTION CERTIFICATE EN10204/3.1 Nr.359053 PLANT ORDER № 8023408181
		CUSTOMER DSS INTERNATIONAL SA Switzerland Ta Chen International, Inc. Long Beach, CA , 90805 Commodity code RB6L1500/DS
		QUANTITY: 1bund Q-9511 lb/4314 kg (number of pcs)
		Delivery condition solution annealed :1900-2010 ^o F(1040-1100 ^o C)/water термообработка:закалка в воду

ANALYSIS, %	C	Si	Mn	P	S	Cr	Ni	Mo	Al	Cu	V	W	Ti	Co	Nb	N		
REQUIRED	<.030	<1,00	1.25-2.00	<.040	.020-.030	16.00-18.00	10.00-14.00	2.00-3.00	<.10	<.40	<.10	<.20	<.15	<.40	<.20	<.10		
CAST	.030	.41	1.33	.036	.023	16.81	10.40	2.06	.061	.33	.05	.06	.005	.09	.013	.032		
№ A08738																		

MECHANICAL PROPERTIES	Yield Strength, Ksi(N/mm ²) Re (R _{0.2})	Tensile Strength, Rm,ksi (N /mm ²)	Elongation A ₅ %	Reduction of area, Z %	Brinell Hardness HB	Impact strength, KV, J	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 2.5 2.0 1.5 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-5.5:1 Date: 15.07.2020 Manager of quality assurance 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	
	REQUIRED	30(207)	75 (517)	45	50	140-223		100
	EFFECTIVE	44.3(304)	81.1(557)	60	78	163		211
Mechanical properties tested in state of delivery								
US - testing	yes	Results: SEP 1921,group 3/class Cc - OK						
Radiation free, mercury free, No Weld or Weld repair.								

P.O.#:	0125704
R#:	R176745
ITEM#:	527249
HEAT#:	A08738
BRANCH#:	875

1/2.

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