



**CERTIFICATE FOR SEAMLESS STEEL PIPES
MILL TEST CERTIFICATE NO. KL17840217**

JSC NIZHNEDNEPROVSKY TUBE ROLLING PLANT 25 STOLETOV STR.
49881 DNEPROPETROVSK, UKRAINE

Customer												Total Weights	12353	Contract No.		X220017843							
License No.												Date of Delivery	26/01/2017	Certificate No.		KL17840217							
No.	Testing No.	Lot No.	O.D. (mm)	W.T. (mm)	Standard	Type	Grade	Heat No.	Pcs.	Lenght	Weight (t)	Chemical Composition (%)											
												C	Si	Mn	P	S	Cr	Ni	Cu	Mo	V	Ti	Nb
1	JS10	A152	48.3	3.68	ASTM A53/A106/API 5L	SCH 40	B	17100127	500	6.1mt	12353	0.16	0.22	0.49	0.011	0.017	0.041	0.033	0.002	0.001	0.001	0.001	0.001
No.	T.S.	Y.S.	E.L. %	Flattering Test	Bending Test	Flaring Test	Impact Energy Absorbed	Hardness	NDP		Color On the end	Hydrostatic Test	Drift Test	V&D Exam.	Decarbonized Depth		Grain Size (gr.)	Microstructure					
	N/mm ²								E.T.	U.T.					Inside	Outside		(F)	(P)				
1	469	273	31	GOOD	GOOD	--	--	--	GOOD	--	--	GOOD	--	--	--	--	--	--	--	--	--	--	--

- The hot-rolled pipes herein described are delivered in the finel rolled condition and the cold-drawn pipes above in the heat treatment condition detailed in the relevant standard. All the pipes are tested in accordance with GB/T 5777-1996 for ultrasonic inspection or GB/T 7735-2004 for eddy - current testing when DNT is requested.
- We certify that the pipes herein described have been manufactured, tested in accordance with above standard and satisfied with the requirements. The copy of this form is invalid.
- We certify that the above material has been manufactured, sampled, tested and inspected in accordance with API5L/ASTM A106/ ASME SA106/ ASTM A53/ASME SA53.

(Reviewed) Vyacheslav J.