MILL TEST CERTIFICATE

HULUDAO CITY STEEL PIPE
INDUSTRIAL CO.

Add: CishanVillage,Longgang District,Huludao City,
Liaoning Province, China **Post code:** 125003
Tel: 86 429-2058666 **Fax:** 86 429 -2058333

PO Number:PO802955-1

ORIGINAL

Certificate No.: 201111054

Standard:ASTM A53/API 5L B

Date of Issue: Nov.15,2021

Description:ERW CARBON:STEEL TUBES, ASTM A53/API 5L SCH40 GRADE B IN LENGTHS OF 6 METERS

Shipping Mark:STEELFORCE/802955/TE/BUENAVENTURA/COLOMBIA/SIZE/WEIGHT/GREEN

Dimension				Quantity			Heat Number	Chemical Composition												Mechanical Properties					Hydro Test kPa	NDT	Seam Heat Treated	Appearanc and Dimensior
NPS	OD	Wall	Length m	Weight ton	Bdls	Pcs		C %	Si %	Mn %	P %	S %	Cu %	Cr %	Ni %	Mo %	V %	Ti %	Nb %	Y.S. Mpa	T.S. Mpa	Weld T.S. Mpa	El. 2in	bend /flattening				
2	2.375"	SCH40	6	81.557	68	2500	11BD5063	0.14	0.02	0.31	0.013	0.004	0.004	0.012	0.005	0.002	0.001	0.001	0.002	365	440	—	36	OK	17200	OK	OK	OK
3	3.500"	SCH40	6	112.946	88	1667	11310622	0.16	0.24	0.45	0.022	0.020	0.005	0.051	0.021	0.001	0.002	0.001	0.002	425	475	—	31	OK	17200	OK	OK	OK
							11310624	0.14	0.15	0.42	0.026	0.022	0.011	0.075	0.033	0.001	0.001	0.002	0.001	360	430	—	31	OK	17200	OK	OK	OK
4	4.500"	SCH40	6	160.777	167	1667	11410478	0.13	0.20	0.44	0.025	0.011	0.038	0.063	0.017	0.003	0.003	0.001	0.003	425	505	—	27	OK	15500	OK	OK	OK
							11410422	0.15	0.22	0.45	0.025	0.024	0.032	0.048	0.016	0.003	0.004	0.001	0.001	405	490	—	29	OK	15500	OK	OK	OK

We hereby certify that the material described has been manufactured,inspected and tested in accordance with above standard & specification,and satisfied with the requirements.

QC Manager:

HULUDAO CITY STEEL PIPE INDUSTRIAL CO.,LTD