



Manufacturer / Mill:
SAMPLE STEEL MILL

MILL TEST CERTIFICATE

(EN 10204:2004 - TYPE 3.1)

Purchaser: MANIK TRADING | <https://niktrd.com>

Contract No.: SAMPLE-CN-2026-001

PI No.: SAMPLE-PI-2026-001

Certificate No.: SAMPLE-MTC-26001

Product			SEAMLESS CARBON STEEL PIPE					Grade			B		Specification / Additional Requirements				ASTM A106/A106M-26 Grade B ASME B36.10M (Dimensions) ANSI/NACE MR0175-2021 / ISO 15156-2:2020 (if specified by PO)										
Total Bundles			40		Total Pieces		100		Total Theoretical Weight (kg)			9,920.2		Manufacturing Process / Delivery Condition						Hot Finished			As-Rolled				
No.	Size (NPS / SCH)		Dimensions (mm)		Heat No.	Lot. No.	Bundles	Pieces	Theoretical Weight (kg)	Yield Strength MPa ≥245	Tensile Strength MPa ≥415	Elongation A (%) ≥20	Macrostructure	Grain Size	Microstructure	Decarburization		Non-Metallic Inclusion (ASTM E45, if required)									
																Outside (mm)	Inside (mm)	A		B		C		D		Rem.	
	C	F	C	F	C	F	C	F																			
1	1	" SCH40	33.40	× 3.38 × 6,000	H260701	LOT-260701	4	10	150.1	285	432	34.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
2	1 1/4	" SCH80	42.16	× 4.85 × 6,000	H260702	LOT-260702	4	10	267.7	292	441	33.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
3	1 1/2	" SCH40	48.26	× 3.68 × 6,000	H260703	LOT-260703	4	10	242.7	301	455	32.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
4	2	" SCH80	60.32	× 5.54 × 6,000	H260704	LOT-260704	4	10	449.0	296	448	33.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
5	2 1/2	" SCH40	73.02	× 5.16 × 6,000	H260705	LOT-260705	4	10	518.1	288	438	35.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6	3	" SCH80	88.90	× 7.62 × 6,000	H260706	LOT-260706	4	10	916.4	305	462	31.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
7	4	" SCH40	114.30	× 6.02 × 6,000	H260707	LOT-260707	4	10	964.5	312	471	30.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
8	5	" SCH40	141.30	× 6.55 × 6,000	H260708	LOT-260708	4	10	1,305.9	299	453	32.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
9	6	" SCH80	168.28	× 10.97 × 6,000	H260709	LOT-260709	4	10	2,533.3	307	466	31.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10	8	" SCH40	219.08	× 8.18 × 6,000	H260710	LOT-260710	4	10	2,552.5	294	445	33.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

	Mechanical and Inspection Tests									Chemical Composition (%)												
No.	Hardness (HBW) ≤237 for sour service	Flattening Test	Flaring Test	Bend Test	Visual & Dimensional Inspection	Impact Test Charpy V-notch / J	ET	UT	Hydrostatic Test	C ≤0.30	Si ≤0.10	Mn 0.29-1.06	P ≤0.035	S ≤0.035	Ni ≤0.40	Cr ≤0.40	Cu ≤0.40	Mo	V	Nb	Al	CEV Calc.
1	182	N/A	N/A	OK	OK	N/A	N/A	N/A	OK	0.190	0.230	0.620	0.012	0.008	0.050	0.070	0.080	0.010	0.004	0.002	0.026	0.319
2	185	N/A	N/A	OK	OK	N/A	N/A	N/A	OK	0.200	0.250	0.650	0.014	0.009	0.060	0.080	0.090	0.020	0.005	0.003	0.028	0.339
3	180	N/A	N/A	OK	OK	N/A	N/A	N/A	OK	0.180	0.220	0.600	0.011	0.007	0.040	0.060	0.070	0.010	0.003	0.002	0.025	0.302
4	188	N/A	N/A	OK	OK	N/A	N/A	N/A	OK	0.190	0.240	0.630	0.013	0.008	0.050	0.070	0.080	0.010	0.004	0.003	0.027	0.320
5	184	OK	N/A	N/A	OK	N/A	N/A	N/A	OK	0.190	0.240	0.630	0.013	0.008	0.050	0.070	0.080	0.010	0.004	0.003	0.027	0.320
6	190	OK	N/A	N/A	OK	N/A	N/A	N/A	OK	0.220	0.270	0.710	0.016	0.011	0.080	0.100	0.110	0.020	0.006	0.004	0.031	0.376
7	187	OK	N/A	N/A	OK	N/A	N/A	N/A	OK	0.200	0.250	0.660	0.014	0.009	0.060	0.080	0.090	0.020	0.005	0.003	0.029	0.341
8	181	OK	N/A	N/A	OK	N/A	N/A	N/A	OK	0.180	0.210	0.590	0.010	0.007	0.040	0.060	0.070	0.010	0.003	0.002	0.024	0.300
9	189	OK	N/A	N/A	OK	N/A	N/A	N/A	OK	0.210	0.260	0.690	0.015	0.010	0.070	0.090	0.100	0.020	0.006	0.004	0.030	0.360
10	186	OK	N/A	N/A	OK	N/A	N/A	N/A	OK	0.190	0.230	0.640	0.012	0.008	0.050	0.070	0.080	0.010	0.004	0.003	0.027	0.322

Note 1: We hereby certify that the products described herein have been manufactured, sampled, tested and inspected in accordance with the applicable product specification and purchase-order requirements.
The results shown are specific to the identified heat and lot numbers and comply with the acceptance criteria stated in this certificate.
Note 2: Values marked "N/A" were not required by the applicable specification or purchase order.
Note 3: Theoretical weights are calculated from nominal dimensions and are provided for this educational sample only.
Note 4: This document is an educational sample. All company names, certificate numbers, heat numbers and test results are fictitious.
Digital copies are valid only when traceability, authorization and document-control requirements are satisfied.

Authorized by: Sample QA Manager

Reviewed by:

Inspection
Representative

Seal: SAMPLE /
EDUCATIONAL