CONARES

MILL TEST CERTIFICATE

CONSIGNEE : S AND P STEEL PRODUCTS AND SERVICES, INC
16510 NORTHCHASE DR.,
HOUSTON, TX 77060, USA

M.T.C NO : SP22-52
INVOICE NO. 90007977
DATE: 24 Aug 2022

QA-F-04

DESTINATION : Houston PO : 204P000456 SO : 1003691

SR.NO.	NPS (INCH)	TYPE	SCH. NO.	HEAT NO.	NO. OF BDLS	NO.OF PCS	O.D (INCH)	W.T (INCH)	LENGTH (Feet)	MASS Kgs/Ft	NET WT (M.T)	HYDRO TEST (Psi)	BEND/ F.T TEST	EDDY CURRENT TEST	THREADING	GALVANIZING		
																AVG ZN COATING Grms/m²	UNIFORMITY TEST	ADHESION/ HAMMER TEST
HIGH FREQUENCY INDUCTION WELDED(ERW) STEEL PIPES TESTED IN ACCORDANCE TO GR.A SCH 40 ASTM A53/53M-2020																		
1	0.50"	BPE	SCH40	922000000317 222000013161 922000000881	7	840	0.840	0.109	21	0.387	6.805	700	O.K	O.K	NA	NA	NA	NA
2	1.25"	BPE	SCH40	922000000886 222000010609	42	1764	1.660	0.140	21	1.034	38.304	1200	O.K	O.K	NA	NA	NA	NA
3	3.00"	BTC	SCH40	4082104478 222000012979	6	84	3.500	0.216	21	3.460	6.101	2220	O.K	O.K	OK	NA	NA	NA
4	1.50"	BPE	SCH40	922000000451 2062103102	2	72	1.900	0.145	21	1.235	1.866	1200	O.K	O.K	NA	NA	NA	NA
5	1.00"	GPE	SCH40	922000000130	1	60	1.315	0.133	21	0.762	0.961	700	O.K	O.K	NA	555	OK	OK
6	0.75"	BPE	SCH40	922000000890 222000013227	44	3696	1.050	0.113	21	0.515	39.902	700	O.K	O.K	NA	NA	NA	NA

CHEMICAL & MECHANICAL PROPERTIES

LIMITS (Max)		C	Mn	P	S	Cu	Cr	Ni	Mo	V	Cu+Ni+Cr+Mo+V		LIMITS (Min)	Y.S. (Psi)	U.T.S (Psi)	EL (%)
SR. NO	HEAT NO.	0.25	0.95	0.050	0.045	0.40	0.40	0.40	0.15	0.08	1.000		SR. NO.	30000	48000	Table X4.1
1	922000000317	0.053	0.711	0.018	0.004	0.007	0.026	0.026	0.002	0.001	0.062		1	55390	61915	36
	222000013161	0.058	0.400	0.010	0.005	0.003	0.008	0.010	0.001	0.021	0.043			54085	59740	29
	922000000881	0.058	0.400	0.010	0.005	0.003	0.008	0.010	0.001	0.021	0.043			55390	60175	30
2	922000000886	0.060	0.492	0.013	0.005	0.007	0.024	0.021	0.001	0.001	0.054		2	41180	56985	36
	222000010609	0.047	0.737	0.021	0.003	0.007	0.025	0.019	0.001	0.001	0.053			55390	64670	38
3	4082104478	0.070	0.520	0.012	0.009	0.000	0.030	0.000	0.000	0.000	0.030		3	52055	63945	33
	222000012979	0.070	0.520	0.012	0.009	0.000	0.030	0.000	0.000	0.000	0.030			52200	63510	32
4	922000000451	0.180	0.950	0.006	0.003	0.006	0.009	0.003	0.005	0.005	0.028		4	57565	66990	37
	2062103102	0.132	0.464	0.009	0.004	0.023	0.020	0.023	0.003	0.003	0.072			46225	60755	36
5	922000000130	0.127	0.472	0.009	0.005	0.020	0.030	0.020	0.003	0.003	0.076		5	45530	60610	37
6	922000000890	0.061	0.488	0.015	0.009	0.006	0.026	0.021	0.001	0.001	0.055		6	39875	53795	38
	222000013227	0.061	0.488	0.015	0.009	0.006	0.026	0.021	0.001	0.001	0.055			40310	54375	39

WE HERE BY CERTIFY THAT THE MATERIAL IS MANUFACTURED , TESTED AND CONFORMING TO ERW (TYPE-E) GR.A SCH 40 ASTM A53/53M-2020
ALL SIZES NDE TEST PERFORMED VIA EDDY CURRENT METHOD. / HYDROSTATICALLY TESTED AS PER STANDARD PRESSURE.
WE SHOWS THE SIZES OF THE PIPE ; ASTM A53 A
(GPE-GALVANIZED PLAIN END / GTC - GALVANIZED THREADED & COUPLED/ BUP- BLACK PIPE UNPAINTED / BTC - BLACK PAINTED PIPE COUPLED & THREADED / BPE-BLACK PAINTED PIPE PLAIN ENDED)

OD TOLERANCE UPTO 1.50 INCH ± 1/64 INCH & OVER ±1% OF STD.OD

FOR THICK. -12.5% ON SPECIFIED OR STANDARD THICK.

Inspection Certificate : 3.1 EN 10204

YS= YIELD STRENGTH

UTS=ULTIMATE TENSILE STRENGTH

EL%=ELONGATION ON STANDARD GUAGE LENGTH 50.8MM

AUTHORISED SIGNATORY

Satish R. Kori
(Head QA/QC)