

SAHA THAI STEEL PIPE MILL TEST REPORT

SAHA THAI STEEL PIPE PCL
 78 Moo 3 Poochao Road,
 Bangyapraek, Phrapradaeng,
 Samutprakarn 10130 Thailand.
 Tel: +66 (0) 2385-9023

NO : EX24000181
 DATE : 29 Jun 2024

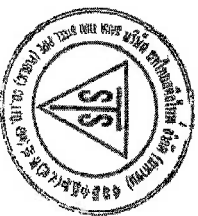
TO: MASTER PIPE DISTRIBUTION COMPANY, LLC
 SHIPPED TO: SAVANNAH, GA USA
 SHIPPED BY: MAERSK KOWLOON V.427W

DESCRIPTION OF GOODS AND/OR SERVICES:

COVERING 100 PERCENT OF INVOICE VALUE OF GOODS AND/OR SERVICES DESCRIBED AS PRIME QUALITY ERW STEEL PIPE,
 MANUFACTURED IN ACCORDANCE WITH ASTM A53/ASME SA53 GR. A EACH SET OF DOCUMENTS TO REFERENCE ONE OF THE FOLLOWING APPLICANT
 PO NUMBERS: 5914 / 378938-14
 CFR SAVANNAH, GA USA

SHIPPING MARKS :
 MASTER PIPE
 SPEC.
 SIZE
 WEIGHT
 LOT NUMBER
 DESTINATION PORT
 PCS / BUNDLE
 BATCH NO.
 BUNDLE NO.
 MADE IN THAILAND

MATERIAL IS OF THAILAND ORIGIN, "COUNTRY OF MELT AND POUR : THAILAND"
 WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE BY SAHA THAI STEEL PIPE (PUBLIC) CO., LTD.



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 MISS NITTAYA SRAJIT
 QUALITY ASSURANCE MANAGER

ISO 9001 Certification by Bureau Veritas (#T1019664)



CERTIFICATE NO. : EX24000181
 DATE : 29 Jun 2024
 CUSTOMER : MASTER PIPE DISTRIBUTION COMPANY, LLC
 CONTRACT (P/O) No. : 5914 / 378938-14
 INSPECTION CERTIFICATE : ACCORDING TO EN 10204 : 2005 TYPE 3.1
 COMMODITY : NEWLY PRODUCED, PRIME QUALITY ERW STEEL PIPE

SAHATHAI

STEEL PIPE
MILL TEST REPORT

SAHATHAI STEEL PIPE PCL
 78 Moo 3 Poochao Road,
 Bangyapraek, Phrapradang,
 Samutprakarn 10131 Thailand.
 Tel: +66 (0) 2385-9023

SPECIFICATION : ASTM A53-2022 / ASME SA53-2021 GRADE A / ASTM A795 - 2021 U/PM CERTIFIED

ITEM NO.	TYPE OF PIPE END	DIMENSION		NUMBER OF BUNDLES	NUMBER OF PIECES	HIN (STS)	CHEMICAL COMPOSITION %										MECHANICAL PROPERTIES			Pb	WEIGHT OF ZINC COATING G/m ²	HYDRO-STATIC TEST (PSI)		
		NPS	Thickness /sch.no.				Length FT.	C	SI	Mn	P	S	Cu	V	NI	Cr	Mo	Nb	TS				YP.	EL
5	GPE	3/4"	40	21	1	90327	0.130	0.012	0.300	0.016	0.011	0.012	0.001	0.011	0.059	<0.001	<0.001	72349	68444	31.66	0.027	617.43	1200	
6	GPE	1-1/4"	40	21	5	88964	0.152	0.102	0.280	0.021	0.008	0.006	0.003	0.023	0.045	0.002	0.023	69166	56760	29.74	0.021	577.02	1200	
						89972	0.166	0.086	0.148	0.006	0.003	0.177	0.001	0.066	0.089	0.011	<0.001	69335	47135	29.64	0.021	576.83	1200	
						89974	0.166	0.086	0.148	0.006	0.003	0.177	0.001	0.066	0.089	0.011	<0.001	69335	47135	29.64	0.021	579.24	1200	
7	GPE	1-1/2"	40	21	29	90367	0.138	0.031	0.343	0.018	0.006	0.009	0.002	0.009	0.032	<0.001	<0.001	66196	43780	35.74	0.027	570.11	1200	
						90368	0.138	0.031	0.343	0.018	0.006	0.009	0.002	0.009	0.032	<0.001	<0.001	62495	42046	37.88	0.027	570.33	1200	
						90372	0.136	0.017	0.322	0.017	0.011	0.010	<0.001	0.009	0.026	<0.001	<0.001	68748	35484	33.14	0.027	572.58	1200	
						90373	0.136	0.017	0.322	0.017	0.011	0.010	<0.001	0.009	0.026	<0.001	<0.001	68748	35484	33.14	0.027	572.58	1200	
						90374	0.129	0.035	0.325	0.020	0.011	0.010	0.002	0.073	0.038	0.014	<0.001	63087	52900	35.08	0.027	566.66	1200	
						90378	0.155	0.021	0.325	0.016	0.010	0.008	0.001	0.009	0.028	<0.001	<0.001	63895	35026	33.64	0.027	572.11	1200	
						90379	0.155	0.021	0.325	0.016	0.010	0.008	0.001	0.009	0.028	<0.001	<0.001	67925	35912	34.12	0.027	572.58	1200	
						90385	0.136	0.017	0.322	0.017	0.011	0.010	<0.001	0.009	0.026	<0.001	<0.001	67925	35912	34.12	0.027	572.58	1200	
8	GPE	3"	40	21	10	88707	0.149	0.146	0.367	0.021	0.010	0.015	0.004	0.025	0.051	0.007	0.024	71225	44658	34.86	0.023	566.66	1200	
						88720	0.122	0.139	0.361	0.018	0.009	0.028	0.002	0.027	0.048	0.006	<0.001	0.009	71225	44658	34.86	0.023	566.66	1200
						88394	0.137	0.167	0.700	0.017	0.008	0.027	0.001	0.020	0.046	0.007	0.009	69359	44763	35.06	0.023	592.49	2220	
						88363	0.128	0.114	0.578	0.014	0.008	0.029	0.002	0.022	0.036	0.006	0.008	70207	62481	33.82	0.023	595.64	1520	
						89386	0.146	0.160	0.575	0.015	0.003	0.031	0.001	0.021	0.050	0.006	0.009	70207	65511	33.82	0.023	598.59	1520	
						89394	0.137	0.167	0.700	0.017	0.009	0.027	0.001	0.020	0.046	0.007	0.009	70207	65511	33.82	0.023	595.64	1520	
SUB TOTAL		: 5914 / 378938-14			53	1,534																		
NONDESTRUCTIVE TEST		EDDY CURRENT		HEAT TREATMENT (WELD SEAM)		FLATTENING TEST		BENDING TEST		VISUAL & DIMENSION		WE CONFIRM THAT MATERIAL IS MERCURY AND LEAD FREE. GALVANIZED STEEL PIPE IS IN ACCORDING WITH NSF/ANSI 372		NITTAYA SRAJIT		QUALITY ASSURANCE MANAGER								
GOOD		GOOD		GOOD		GOOD		GOOD		GOOD														

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENT OF THE ABOVE MATERIAL SPECIFICATION.

