

SAHATHAI
S T E E L P I P E
MILL TEST REPORT

SAHA THAI STEEL PIPE PCL
78 Moo 3 Poochao Road,
Bangyapraek, Phrapradaeng,
Samuthprakarn 10131 Thailand.
Tel: +66 (0) 2385-9023


CERTIFICATE NO. : EX24000094
DATE : 13 Mar 2024
CUSTOMER :
CONTRACT (P/O) No. : 5875 / 373281-01
INSPECTION CERTIFICATE : ACCORDING TO EN 10204 : 2005 TYPE 3.1
COMMODITY : NEWLY PRODUCED, PRIME QUALITY ERW STEEL PIPE
SPECIFICATION : ASTM A53-2022 / ASME SA53-2021 GRADE A / ASTM A795 - 2021 UL/FM CERTIFIED

ITEM NO.	TYPE OF PIPE END	DIMENSION			NUMBER OF BUNDLES	NUMBER OF PIECES	H/N (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. PSI	YP. PSI				EL %
4	BPE	1-1/4"	40	21	70	2,940	88342	0.046	0.008	0.194	0.015	0.009	0.007	<0.001	0.014	0.031	<0.001	0.012	49423	41045	41.60	-	-	1200
							88353	0.079	0.012	0.894	0.015	0.005	0.018	<0.001	0.041	0.032	0.015	0.013	49051	33664	38.78	-	-	1200
							88356	0.077	0.007	0.943	0.012	0.006	0.008	<0.001	0.016	0.024	<0.001	0.017	49051	33664	38.78	-	-	1200
							88358	0.079	0.012	0.894	0.015	0.005	0.018	<0.001	0.041	0.032	0.015	0.013	49051	33664	38.78	-	-	1200
							88390	0.162	0.102	0.263	0.017	0.006	<0.001	<0.001	0.015	0.022	<0.001	0.022	68627	52102	33.34	-	-	1200
							88391	0.162	0.102	0.263	0.017	0.006	<0.001	<0.001	0.015	0.022	<0.001	0.022	69209	48574	34.02	-	-	1200
							88412	0.037	0.010	0.234	0.014	0.006	0.010	<0.001	0.013	0.013	0.009	0.007	58144	47333	30.76	-	-	1200
							88416	0.147	0.019	0.457	0.015	0.008	0.017	<0.001	0.031	0.030	0.003	0.008	66124	49978	38.10	-	-	1200
							88417	0.125	0.010	0.429	0.019	0.010	0.014	<0.001	0.030	0.034	0.003	0.006	66833	53959	35.50	-	-	1200
							88431	0.038	0.020	0.239	0.011	0.007	0.007	<0.001	0.014	0.014	0.002	0.012	55822	46489	40.42	-	-	1200
							88432	0.040	0.017	0.232	0.016	0.014	0.040	<0.001	0.021	0.028	0.004	0.013	55850	50979	31.82	-	-	1200
							88433	0.032	0.009	0.212	0.009	0.009	0.012	<0.001	0.023	0.025	0.007	0.011	57223	54356	30.18	-	-	1200
							88435	0.032	<0.001	0.212	0.014	0.012	0.007	<0.001	0.013	0.019	<0.001	0.006	48832	37208	43.38	-	-	1200
							88436	0.041	0.006	0.182	0.010	0.007	0.009	<0.001	0.013	0.022	<0.001	0.010	48760	34188	34.68	-	-	1200
							88584	0.127	0.113	0.323	0.021	0.006	0.028	0.003	0.026	0.044	0.009	0.025	64383	49220	31.10	-	-	1200
							5	BPE	1-1/2"	40	21	89	3,204	88067	0.127	0.011	0.497	0.016	0.008	0.018	<0.001	0.018	0.026	<0.001
88347	0.034	<0.001	0.216	0.009	0.011	0.006								<0.001	0.014	0.025	<0.001	0.012	51491	48298	41.30	-	-	1200
88610	0.143	0.113	0.327	0.022	0.007	0.030								0.003	0.027	0.049	0.009	0.026	69116	62772	28.94	-	-	1200
88614	0.143	0.113	0.327	0.022	0.007	0.030								0.003	0.027	0.049	0.009	0.026	70205	58567	30.94	-	-	1200
88616	0.143	0.113	0.327	0.022	0.007	0.030								0.003	0.027	0.049	0.009	0.026	68011	62483	33.18	-	-	1200
88617	0.143	0.118	0.321	0.028	0.009	0.023								0.003	0.021	0.037	0.005	0.026	68836	58106	32.10	-	-	1200
88618	0.143	0.118	0.321	0.028	0.009	0.023								0.003	0.021	0.037	0.005	0.026	68836	58106	32.10	-	-	1200
88619	0.143	0.118	0.321	0.028	0.009	0.023								0.003	0.021	0.037	0.005	0.026	68955	54842	34.02	-	-	1200
88621	0.145	0.110	0.320	0.023	0.007	0.030	0.003	0.029	0.055	0.010	0.025	69144	65996	30.52	-	-	1200							

SUB TOTAL	: 5875 / 373281-01	229	10,969																			
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NONDESTRUCTIVE TEST EDDY CURRENT	HEAT TREATMENT (WELD SEAM)	FLATTENING TEST	BENDING TEST	VISUAL & DIMENSON	WE CONFIRM THAT MATERIAL IS MERCURY AND LEAD FREE. GALVANIZED STEEL PIPE IS IN ACCORDING WITH NSF/ANSI 372																
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.


NITTAYA SRAJIT
QUALITY ASSURANCE MANAGER

ISO 9001 Certification by Bureau Veritas (#TH019664)

