

Heat: 77293  
Your PO: PO242284-01

Order: 3118765 Line: 2  
Item: 4" STD 0.237" PIPE ERW A53 GR B PEB SRL



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. : EX22000202  
DATE : 19 AUG 2022  
CUSTOMER :  
CONTRACT (P/O) No. : 5603 / 319843-00  
INSPECTION CERTIFICATE : ACCORDING TO EN 10204 : 2005 TYPE 3.1  
COMMODITY : NEWLY PRODUCED, PRIME QUALITY ERW STEEL PIPE  
SPECIFICATION : ASTM A53-2018 / ASME SA53-2017 GRADE B / ASTM A795 - 2013 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 <sup>2</sup>	HYDRO-STATIC TEST (PSI)
		NPS	Thickness /sch.no.	Length FT.				C	Si	Mn	P	S	Cu	V	Ni	Cr	Mo	Ti	Nb	B	TS. PSI	YP. PSI	EL %			
9	BPE-B	2"	40	42	3	54	77233	0.118	<0.001	0.336	0.014	0.006	0.009	0.007	0.016	0.022	<0.001	0.013	0.009	0.0012	61624	56617	27.04	-	-	2500
10	BPE-B	4"	40	42	205	1,435	77281	0.068	0.001	0.313	0.011	0.004	0.012	0.015	0.016	0.021	0.004	0.026	0.006	0.0010	61199	53947	29.31	-	-	2210
							77282	0.072	0.003	0.303	0.015	0.005	0.009	0.014	0.013	0.024	0.002	0.029	0.009	0.0011	61358	52760	30.73	-	-	2210
							77283	0.068	0.001	0.313	0.011	0.004	0.012	0.015	0.016	0.021	0.004	0.026	0.006	0.0010	61110	53686	34.13	-	-	2210
							77284	0.068	0.001	0.313	0.011	0.004	0.012	0.015	0.016	0.021	0.004	0.026	0.006	0.0010	61412	54370	29.29	-	-	2210
							77285	0.068	0.001	0.313	0.011	0.004	0.012	0.015	0.016	0.021	0.004	0.026	0.006	0.0010	62353	56436	30.43	-	-	2210
							77286	0.068	0.001	0.313	0.011	0.004	0.012	0.015	0.016	0.021	0.004	0.026	0.006	0.0010	62360	55159	31.49	-	-	2210
							77288	0.072	0.003	0.303	0.015	0.005	0.009	0.014	0.013	0.024	0.002	0.029	0.009	0.0011	63049	57056	31.43	-	-	2210
							77290	0.072	0.003	0.303	0.015	0.005	0.009	0.014	0.013	0.024	0.002	0.029	0.009	0.0011	61689	56473	28.44	-	-	2210
							77291	0.089	0.001	0.316	0.010	0.007	0.010	0.014	0.014	0.022	0.004	0.029	0.008	0.0013	63815	55900	28.66	-	-	2210
							77292	0.089	0.001	0.316	0.010	0.007	0.010	0.014	0.014	0.022	0.004	0.029	0.008	0.0013	62492	54475	28.62	-	-	2210
							77293	0.089	0.001	0.316	0.010	0.007	0.010	0.014	0.014	0.022	0.004	0.029	0.008	0.0013	62273	56594	29.69	-	-	2210
							77294	0.089	0.001	0.316	0.010	0.007	0.010	0.014	0.014	0.022	0.004	0.029	0.008	0.0013	60939	53116	30.90	-	-	2210
							77296	0.115	0.003	0.312	0.011	0.006	0.009	0.014	0.014	0.017	0.002	0.026	0.008	0.0013	63113	57287	28.98	-	-	2210
							77297	0.115	0.003	0.312	0.011	0.006	0.009	0.014	0.014	0.017	0.002	0.026	0.008	0.0013	62563	55612	29.65	-	-	2210
							77298	0.115	0.003	0.312	0.011	0.006	0.009	0.014	0.014	0.017	0.002	0.026	0.008	0.0013	62024	56543	31.17	-	-	2210
							77299	0.115	0.003	0.312	0.011	0.006	0.009	0.014	0.014	0.017	0.002	0.026	0.008	0.0013	61525	55732	29.67	-	-	2210
							77300	0.121	0.003	0.308	0.011	0.003	0.010	0.013	0.013	0.019	0.001	0.026	0.006	0.0011	61022	51838	29.31	-	-	2210
							78991	0.113	0.001	0.393	0.013	0.003	0.010	0.013	0.012	0.019	0.004	0.020	0.018	0.0013	65685	61081	28.34	-	-	2210
							78993	0.106	<0.001	0.404	0.012	0.003	0.007	0.014	0.012	0.020	0.004	0.017	0.017	0.0011	61463	55230	28.21	-	-	2210
							79031	0.109	0.009	0.414	0.018	0.002	0.003	0.013	0.010	0.020	0.004	0.018	0.018	0.0011	62078	56935	28.44	-	-	2210
							79034	0.091	0.007	0.401	0.016	0.002	0.003	0.013	0.010	0.019	0.004	0.019	0.018	0.0010	63690	58096	29.84	-	-	2210
							79047	0.116	0.007	0.399	0.014	0.002	0.003	0.014	0.010	0.016	0.005	0.018	0.019	0.0012	63667	57734	28.54	-	-	2210
							79054	0.104	0.006	0.401	0.018	0.004	0.005	0.014	0.012	0.022	0.006	0.019	0.018	0.0012	63569	57677	30.57	-	-	2210

SUB TOTAL : 5603 / 319843-00		NONDESTRUCTIVE TEST EDDY CURRENT		HEAT TREATMENT (WELD SEAM)		FLATTENING TEST		BENDING TEST		VISUAL & DIMENSION		WE CONFIRM THAT MATERIAL IS MERCURY AND LEAD FREE. STS USES 99.9% PURE ZINC WITH MAX. OF 0.03% Pb (LEAD CONTENT)										
		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.

  
 NITTAYA SRAJI  
 QUALITY ASSURANCE MANAGER

ISO 9001 Certification by Bureau Veritas (#TH014554)

