

CHEMICAL ANALYSIS AND MECHANICAL MILL TEST CERTIFICATE (EN 10204-3.1B)

This to certify that in accordance with the relevant product specifications, technique conditions and contract stipulations, the flanges were tested qualified by our quality control department

CLIENT: Unimech Engineering (M) Sdn. Bhd	CERTIFICATE REF. NO: XF-UEM077
CONTRACT NO: ZPO-2007-0022	DATE OF REPORT: 2020-7-21
GOOD DESCRIPTION: 3940 PCS OF PIPE FITTING	MARK OF MANUFACTURER: XF

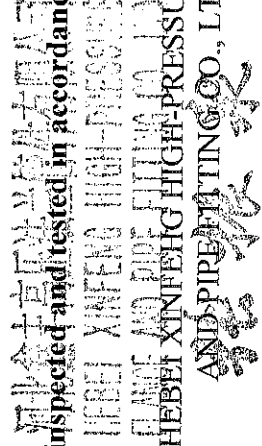
ITEM NO.	As name	SIZE	QTY/PC	Material	Physical properties										Chemical Analyses									
					Heat No	YS	TS	E	H	C	Si	Mn	P	S	Cu	Ni	Mo	Cr						
1	END CAP	5"	50	A234WPB	4210	245	452	25	156	0.21	0.13	0.52	0.012	0.008	0.14	0.12	0.003	0.14						
2	END CAP	18"	10	A234WPB	4256	243	443	26	152	0.15	0.14	0.51	0.013	0.011	0.12	0.14	0.001	0.12						
3	ELBOW 90 DEG LR SCH40	3"	500	A234WPB	4785	245	452	28	157	0.16	0.12	0.54	0.014	0.011	0.11	0.13	0.002	0.11						
4	ELBOW 90 DEG LR SCH40	3.1/2"	30	A234WPB	4756	247	425	29	158	0.17	0.11	0.53	0.015	0.012	0.11	0.12	0.004	0.11						
5	ELBOW 90 DEG LR SCH40	4"	800	A234WPB	4790	245	426	26	156	0.18	0.15	0.52	0.016	0.009	0.12	0.14	0.003	0.12						
6	ELBOW 90 DEG LR SCH40	6"	400	A234WPB	4792	246	435	27	152	0.16	0.16	0.52	0.017	0.011	0.14	0.13	0.001	0.14						
7	ELBOW 45 DEG LR SCH40	4"	30	A234WPB	4321	247	426	25	154	0.24	0.12	0.54	0.018	0.013	0.13	0.12	0.005	0.13						
8	ELBOW S/R 90 SCH40	1"	50	A234WPB	4495	248	445	26	155	0.14	0.13	0.53	0.019	0.011	0.12	0.11	0.003	0.12						
9	CON. REDUCER SCH40	2" X 1.1/4"	30	A234WPB	4450	249	443	28	152	0.23	0.14	0.51	0.020	0.012	0.14	0.13	0.004	0.14						
10	CON. REDUCER SCH40	10" X 8"	30	A234WPB	4453	250	445	29	154	0.18	0.12	0.52	0.021	0.013	0.13	0.13	0.003	0.13						
11	ECC. REDUCER SCH40	4" X 3"	50	A234WPB	4670	251	446	28	155	0.22	0.13	0.46	0.012	0.012	0.12	0.11	0.002	0.12						
12	ECC. REDUCER SCH40	5" X 4"	10	A234WPB	4680	252	447	26	156	0.17	0.14	0.45	0.013	0.013	0.11	0.13	0.001	0.11						
13	ECC. REDUCER SCH40	10" X 8"	10	A234WPB	4690	253	448	29	158	0.16	0.12	0.52	0.014	0.006	0.13	0.12	0.003	0.13						
14	REDUCING TEE SCH40	3" X 1"	100	A234WPB	4510	254	452	27	154	0.21	0.13	0.46	0.012	0.005	0.13	0.14	0.004	0.13						
15	ELBOW 90 DEG LR SCH80	1"	300	A234WPB	4522	255	453	29	152	0.14	0.11	0.47	0.013	0.009	0.11	0.13	0.005	0.11						
16	ELBOW 90 DEG LR SCH80	1.1/2"	500	A234WPB	4512	256	456	30	153	0.13	0.13	0.48	0.014	0.013	0.13	0.12	0.003	0.13						
17	ELBOW 90 DEG LR SCH80	2"	800	A234WPB	4563	246	452	31	155	0.22	0.14	0.49	0.015	0.012	0.120	0.140	0.002	0.12						
18	ELBOW 45 DEG LR SCH80	3"	100	A234WPB	4799	252	451	32	154	0.21	0.12	0.45	0.012	0.014	0.140	0.130	0.003	0.13						
19	ELBOW 45 DEG LR SCH80	8"	20	A234WPB	4795	253	453	29	152	0.18	0.13	0.43	0.013	0.013	0.130	0.150	0.002	0.14						
20	CON. REDUCER SCH80	2" X 1.1/2"	120	A234WPB	4577	251	455	28	156	0.19	0.11	0.42	0.014	0.012	0.120	0.140	0.003	0.12						
TOTAL			3940																					

Visual examination Without Complaint
 Dimensional inspection Without Complaint
 Surface crack inspection Without Complaint

We hereby certify that product described herein have been manufactured, sampled, inspected and tested in accordance with the standard and also with the purchaser's requirements and the result is acceptable.

INSPECTOR: 赵之强

Manufacturer: HEBEI XINFEI HIGH-PRESSURE FLANGE



CHEMICAL ANALYSIS AND MECHANICAL MILL TEST CERTIFICATE (EN 10204-3.1B)

This to certify that in accordance with the relevant product specifications, technique conditions and contract stipulations, the flanges were tested qualified by our quality control department

CLIENT: Unimech Engineering (M) Sdn. Bhd
 CERTIFICATE REF. NO: XF-UEM077/XF-UEM078

CONTRACT NO: ZPO-2007-0022/ZPO-2007-0019
 DATE OF REPORT: 2020-7-21

GOOD DESCRIPTION: 3020PCS OF PIPE FITTING
 MARK OF MANUFACTURER: XF

ITEM NO.	name	SIZE	QTY/PC	Material	Heat No	Physical properties										Chemical Analyses									
						YS	TS	E	H	C	Si	Mn	P	S	Cu	Ni	Mo	Cr							
21	CON. REDUCER SCH80	3" X 2"	120	A234WPB	4599	248	452	26	156	0.19	0.17	0.62	0.013	0.012	0.12	0.13	0.002	0.11							
22	CON. REDUCER SCH80	5" x 4"	10	A234WPB	4590	253	453	28	152	0.18	0.18	0.63	0.012	0.013	0.12	0.14	0.003	0.11							
23	CON. REDUCER SCH80	6" x 3"	10	A234WPB	4596	251	456	29	154	0.21	0.19	0.64	0.014	0.014	0.11	0.12	0.005	0.12							
24	CON. REDUCER SCH80	6" x 4"	10	A234WPB	4596	254	459	30	152	0.19	0.13	0.65	0.013	0.012	0.11	0.13	0.006	0.14							
25	EQUAL TEE SCH80	4"	20	A234WPB	4500	245	462	32	153	0.22	0.12	0.66	0.012	0.013	0.12	0.12	0.004	0.13							
26	REDUCING TEE SCH80	1.1/2" X 1.1/4"	10	A234WPB	4100	246	452	31	158	0.23	0.14	0.67	0.013	0.012	0.14	0.14	0.002	0.12							
27	REDUCING TEE SCH80	4" X 2"	20	A234WPB	4112	247	451	25	159	0.21	0.12	0.68	0.014	0.014	0.13	0.13	0.003	0.14							
28	REDUCING TEE SCH80	4" X 2.1/2"	20	A234WPB	4112	247	451	25	159	0.21	0.12	0.68	0.014	0.014	0.13	0.13	0.003	0.14							
29	SGP ELBOW 45 DEG LR	3/4"	200	A234WPB	7411	251	453	29	154	0.23	0.14	0.70	0.014	0.011	0.14	0.14	0.006	0.14							
30	SGP ELBOW 45 DEG LR	1.1/2"	100	A234WPB	7452	253	455	28	152	0.21	0.12	0.67	0.013	0.014	0.13	0.16	0.002	0.13							
31	SGP EQUAL TEE	1"	100	A234WPB	7422	251	456	27	162	0.22	0.13	0.56	0.014	0.012	0.12	0.12	0.003	0.12							
32	SGP RED. TEE	1" X 1/2"	100	A234WPB	7490	251	452	33	163	0.21	0.14	0.54	0.012	0.013	0.11	0.13	0.004	0.11							
33	SGP G.I ELBOW 90 DEG	3/4"	1000	A234WPB	2045	253	457	32	154	0.21	0.12	0.52	0.013	0.006	0.13	0.14	0.003	0.13							
34	SGP G.I CON. REDUCER	8" x 6"	50	A234WPB	2063	254	456	30	152	0.23	0.13	0.56	0.014	0.005	0.13	0.12	0.002	0.13							
35	SGP G.I EQUAL TEE	2"	100	A234WPB	2066	255	452	32	155	0.21	0.14	0.54	0.012	0.009	0.11	0.14	0.005	0.11							
36	SGP EQUAL TEE	1/2"	100	A234WPB	1533	254	455	31	156	0.23	0.12	0.55	0.013	0.013	0.13	0.13	0.003	0.13							
37	SGP EQUAL TEE	4"	50	A234WPB	1564	253	456	29	159	0.22	0.13	0.56	0.014	0.012	0.140	0.120	0.004	0.12							
38	SGP G.I ELBOW 90DEG	2"	1000	A234WPB	4278	256	455	28	154	0.21	0.14	0.53	0.012	0.013	0.120	0.150	0.003	0.14							
TOTAL			3020																						

Visual examination: Without Complaint
 Dimensional inspection: Without Complaint
 Surface crack inspection: Without Complaint

We hereby certify that product described herein have been manufactured, sampled, inspected and tested in accordance with the standard and also with the purchaser's requirements and the result is acceptable.

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