

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

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

CLIENT: Unimech Engineering (M) Sdn. Bhd	CERTIFICATE REF. NO.: XF-UEM087
CONTRACT NO.: ZPO-2011-0023	DATE OF REPORT: 2020-11-20
MARK OF MANUFACTURER: XF	
GOOD DESCRIPTION: 5131 PCS OF PIPE FITTING	

ITEM NO.	Name	Size	QTY/PC	Material	Heat No	Physical properties										Chemical Analyses									
						YP	TS	E	R	H	C	Si	Mn	P	S	Cu	Ni	Mo	Cr						
1	ELBOW 90 DEG SCH40 LR	1"	1700	A234WPB	5269	254	456	27	41	166	0.18	0.11	0.52	0.009	0.011	0.110	0.120	0.010	0.14						
2	ELBOW 90 DEG SCH40 LR	1.1/2"	1000	A234WPB	1120	251	462	29	43	162	0.19	0.13	0.54	0.008	0.013	0.120	0.130	0.012	0.12						
3	ELBOW 90 DEG SCH40 LR	2"	1000	A234WPB	5266	251	462	29	43	162	0.21	0.12	0.54	0.008	0.013	0.130	0.120	0.012	0.12						
4	ELBOW 90 DEG SCH40 LR	4"	400	A234WPB	5279	252	468	28	44	165	0.15	0.12	0.55	0.012	0.009	0.120	0.120	0.012	0.14						
5	ELBOW 90 DEG SCH40 LR	8"	30	A234WPB	6911	242	454	25	43	164	0.18	0.14	0.54	0.014	0.013	0.110	0.130	0.011	0.12						
6	ELBOW 45 DEG SCH40 LR	1"	100	A234WPB	4520	243	452	27	42	161	0.15	0.13	0.54	0.012	0.012	0.120	0.140	0.011	0.11						
7	ELBOW 45 DEG SCH40 LR	2"	200	A234WPB	4560	246	452	29	43	163	0.18	0.12	0.55	0.013	0.013	0.140	0.120	0.012	0.12						
8	CON. REDUCER SCH40	8" X 6"	50	A234WPB	7455	242	425	28	43	162	0.19	0.14	0.45	0.012	0.008	0.120	0.130	0.012	0.14						
9	CON. REDUCER SCH40	10" X 6"	30	A234WPB	7589	243	435	29	42	165	0.22	0.13	0.47	0.014	0.006	0.110	0.150	0.013	0.13						
10	CON. REDUCER SCH40	14" X 10"	10	A234WPB	7820	245	435	26	41	164	0.21	0.15	0.48	0.013	0.009	0.120	0.120	0.011	0.12						
11	ECC. REDUCER SCH40	8" X 6"	5	A234WPB	5210	247	436	27	42	163	0.18	0.14	0.52	0.012	0.012	0.130	0.120	0.011	0.14						
12	EQUAL TEE SCH40	1/2"	100	A234WPB	5999	248	438	28	43	162	0.19	0.12	0.51	0.013	0.013	0.140	0.120	0.012	0.13						
13	EQUAL TEE SCH40	6"	60	A234WPB	5997	252	439	29	44	165	0.22	0.14	0.53	0.014	0.014	0.150	0.130	0.011	0.11						
14	EQUAL TEE SCH40	12"	6	A234WPB	5998	251	436	28	42	162	0.21	0.13	0.54	0.012	0.012	0.120	0.140	0.012	0.15						
15	REDUCING TEE SCH40	1" x 3/4"	50	A234WPB	4994	253	437	26	44	164	0.22	0.15	0.52	0.015	0.014	0.110	0.140	0.011	0.14						
16	REDUCING TEE SCH40	2" X 1/2"	70	A234WPB	4995	256	438	28	42	163	0.19	0.12	0.55	0.012	0.012	0.110	0.130	0.012	0.13						
17	REDUCING TEE SCH40	2" X 3/4"	110	A234WPB	4995	254	439	29	41	156	0.18	0.14	0.53	0.014	0.013	0.110	0.130	0.013	0.12						
18	REDUCING TEE SCH40	2" X 1.1/2"	150	A234WPB	4995	251	432	28	43	152	0.17	0.12	0.52	0.013	0.011	0.110	0.130	0.013	0.13						
19	REDUCING TEE SCH40	2.1/2" X 2"	10	A234WPB	5299	254	433	26	42	155	0.16	0.15	0.51	0.012	0.012	0.120	0.140	0.011	0.14						
20	REDUCING TEE SCH40	4" X 1.1/2"	50	A234WPB	5291	245	435	27	44	154	0.18	0.13	0.54	0.014	0.009	0.120	0.120	0.012	0.12						
TOTAL			5131																						

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 XINFENG HIGH-PRESSURE-FLANGE AND PIPE FITTING CO., LTD

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CONTRACT NO: ZPO-2011-0023	DATE OF REPORT: 2020-11-20
MARK OF MANUFACTURER: XF	
GOOD DESCRIPTION: 194 PCS OF PIPE FITTING	

ITEM NO.	Name	Size	QTY/PC	Material	Heat No	YP	TS	E	R	H	C	Si	Mn	P	S	Cu	Ni	Mo	Cr
21	REDUCING TEE	SCH40	10	A234WPB	5291	246	445	29	42	158	0.17	0.14	0.55	0.013	0.008	0.120	0.120	0.012	0.13
22	REDUCING TEE	SCH40	70	A234WPB	5291	248	452	29	41	156	0.16	0.11	0.56	0.012	0.011	0.120	0.120	0.012	0.14
23	REDUCING TEE	SCH40	30	A234WPB	5977	247	452	30	43	154	0.21	0.12	0.52	0.014	0.013	0.130	0.120	0.013	0.12
24	REDUCING TEE	SCH40	50	A234WPB	5978	247	456	28	42	155	0.22	0.14	0.54	0.013	0.008	0.130	0.130	0.011	0.13
25	REDUCING TEE	SCH40	24	A234WPB	5970	244	454	29	41	156	0.23	0.13	0.53	0.012	0.009	0.130	0.130	0.011	0.14
26	REDUCING TEE	SCH80	10	A234WPB	3644	252	457	28	43	152	0.21	0.12	0.52	0.014	0.012	0.130	0.130	0.012	0.11
TOTAL			194																

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 XINFEHG HIGH-PRESSURE FLANGE
AND PIPE FITTING CO., LTD

