

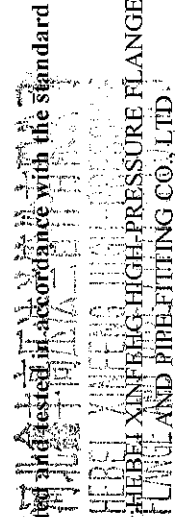
CHEMICAL ANALYSIS AND MECHANICAL MILL TEST CERTIFICATE (EN 10204-3.1)

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

Item No.		Name	Size	QTY/PC	Physical properties										Chemical Analyses							
					Material	Heat No	TS	YS	E	R	H	C	Mn	P	S	Si	Cu	Ni	Cr	Mo		
1		PLAT FLANGE ANSI 150#	1"	30	SS400	53442	473	242	33	42	161	0.09	0.49	0.012	0.011	0.14	/	/	0.15	/		
2		PLAT FLANGE ANSI 300#	1"	20	SS400	53442	473	242	33	42	161	0.09	0.49	0.012	0.011	0.14	/	/	0.15	/		
3		PLAT FLANGE ANSI 300#	4"	100	SS400	53442	473	242	33	42	161	0.09	0.49	0.012	0.011	0.14	/	/	0.15	/		
4		PLAT FLANGE JIS 10K	1.1/2"	700	SS400	59778	468	244	31	43	164	0.11	0.42	0.015	0.013	0.12	/	/	0.13	/		
5		PLAT FLANGE JIS 10K	2.1/2"	500	SS400	59778	468	244	31	43	164	0.11	0.42	0.015	0.013	0.12	/	/	0.13	/		
6		PLAT FLANGE JIS 10K	14"	20	SS400	59778	468	244	31	43	164	0.11	0.42	0.015	0.013	0.12	/	/	0.13	/		
7		JIS 10K BLIND	2"	30	SS400	59778	468	244	31	43	164	0.11	0.42	0.015	0.013	0.12	/	/	0.13	/		
8		JIS 10K BLIND	12"	30	SS400	59778	468	244	31	43	164	0.11	0.42	0.015	0.013	0.12	/	/	0.13	/		
9		JIS 10K BLIND	16"	12	SS400	59778	468	244	31	43	164	0.11	0.42	0.015	0.013	0.12	/	/	0.13	/		
10		PLAT FLANGE JIS 5K	1.1/4"	120	SS400	59778	468	244	31	43	164	0.11	0.42	0.015	0.013	0.12	/	/	0.13	/		
11		PLAT FLANGE JIS 5K	4"	130	SS400	59778	468	244	31	43	164	0.11	0.42	0.015	0.013	0.12	/	/	0.13	/		
12		DIN2527 PN 10 BLIND	3"	5	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
13		PLAT FLANGE DIN2502 PN 16	3/4"	200	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
14		PLAT FLANGE DIN2502 PN 16	14"	15	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
15		DIN2527 PN 16 BLIND	1"	20	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
16		DIN2527 PN 16 BLIND	2.1/2"	40	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
17		DIN2527 PN 16 BLIND	10"	50	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
18		PLAT FLANGE DIN2503 PN 40	2"	30	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
19		PLAT FLANGE DIN2503 PN 40	4"	100	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
20		DIN2527 PN 40 BLIND	3"	50	ST37.2	69330	471	241	32	41	163	0.13	0.44	0.017	0.015	0.16	/	/	0.17	/		
TOTAL				2202																		

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 XIN FENG HIGH-PRESSURE FLANGE FLANGE AND PIPE-FITTING CO., LTD.

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

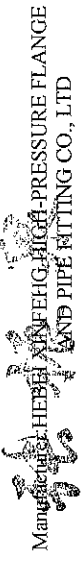
This to certify that in accordance with the relevant product specifications, technique conditions and contract stipulations, the flanges were tested qualified by our quality control department

CLIENT: Umimech Engineering (M)Sdn.Bhd										CERTIFICATE REF: NO: XF-UEM21-14										
CONTRACT NO: XF-UEM21-14										DATE OF REPORT: 2021-10-16										
GOOD DESCRIPTION: 5668 PCS OF FLANGE										MARK OF MANUFACTURER: XF										
Item No.	Mild steel Name Flange	Size	QTY/PC	Physical properties							Chemical Analyses									
				Material	Heat No	TS	YS	E	R	H	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	
1	PLAT FLANGE ANSI 150#	2.1/2"	200	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
2	PLAT FLANGE ANSI 150#	4"	600	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
3	PLAT FLANGE ANSI 150#	10"	100	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
4	PLAT FLANGE ANSI 150#	12"	30	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
5	PLAT FLANGE ANSI 150#	18"	10	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
6	PLAT FLANGE ANSI 150#	20"	10	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
7	ANSI 150# BLIND	4"	30	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
8	ANSI 150# BLIND	12"	15	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
9	ANSI 300# BLIND	1.1/2"	20	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
10	ANSI 300# BLIND	2"	20	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
11	TABLE E PLAT FLANGE	5"	100	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
12	TABLE E PLAT FLANGE	6"	300	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
13	TABLE E PLAT FLANGE	8"	200	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
14	TABLE E PLAT FLANGE	10"	200	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
15	TABLEE BLIND	12"	10	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
16	PLAT FLANGE JIS 10K	1/2"	300	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
17	JIS 10K BLIND	3"	50	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
18	JIS 10K BLIND	12"	8	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
19	PLAT FLANGE JIS 5K	1/2"	100	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
20	PLAT FLANGE JIS 5K	1.1/2"	500	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
21	PLAT FLANGE JIS 5K	3"	350	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
22	PLAT FLANGE JIS 5K	4"	100	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
23	PLAT FLANGE JIS 5K	6"	200	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
24	PLAT FLANGE DIN2576 PN 10	1"	150	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
25	PLAT FLANGE DIN2576 PN 10	2"	50	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
26	DIN2527 PN 10 BLIND	8"	30	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
27	PLAT FLANGE DIN2502 PN 16	10"	50	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
28	PLAT FLANGE DIN2502 PN 16	14"	35	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
29	DIN2527 PN 16 BLIND	3"	250	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
30	DIN2527 PN 16 BLIND	4"	50	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
31	PLAT FLANGE DIN2503 PN 40	1.1/2"	350	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
32	PLAT FLANGE DIN2503 PN 40	2"	600	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
33	PLAT FLANGE DIN2503 PN 40	4"	250	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
34	PLAT FLANGE DIN2503 PN 40	8"	50	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
35	DIN2527 PN40 BLIND	3"	15	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
36	PLAT FLANGE ANSI 150LBS	1.1/4"	30	SS400	15220	478	241	32	41	164	0.12	0.45	0.017	0.011	0.14	0.17	0.17	/		
37	JIS 10K BLIND	1.1/4"	40	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
38	JIS 10K BLIND	1.1/2"	20	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
39	JIS 10K BLIND	2.1/2"	40	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
40	PLAT FLANGE JIS 10K	10"	5	SS400	15300	474	243	30	42	166	0.13	0.44	0.015	0.014	0.13	0.15	0.15	/		
41	PLAT FLANGE DIN2502 PN 16	1"	200	ST37.2	62001	468	246	31	44	167	0.14	0.41	0.014	0.016	0.12	0.14	0.14	/		
TOTAL			5668																	

Visual examination
Dimensional inspection
Surface crack inspection:

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: 赖之强



Manufacturer: HEBEI XIN HONG HIGH PRESSURE FLANGE AND PIPE FITTING CO., LTD