

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

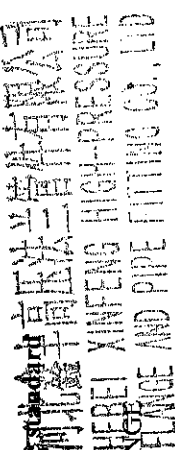
This to certify that in accordance with the relevant product specifications, technique conditions and contract stipulations, the flanges were tested qualified by our quality control department

CLIENT: Unimech Engineering (M) Sdn. Bhd	CERTIFICATE REF. NO: XF-UEM22-02
CONTRACT NO: XF-JEM22-01/02	DATE OF REPORT: 2022-3-1
GOOD DESCRIPTION: 11790 PCS OF FLANGE	MARK OF MANUFACTURER: XF

Item No.	Name	Size	QTY/PC	Material	Heat No	Physical properties										Chemical Analyses									
						TS	YS	E	R	H	C	Mn	P	S	Si	Cu	Ni	Cr	Mo						
1	ANSI 150# FLANGE	1.1/2"	100	SS400	17400	452	243	28	42	162	0.13	0.48	0.011	0.013	0.13	/	/	/	0.11	/					
2	ANSI 150# FLANGE	3"	270	SS400	17400	452	243	28	42	162	0.13	0.48	0.011	0.013	0.13	/	/	/	0.11	/					
3	ANSI 150# FLANGE	5"	100	SS400	17400	452	243	28	42	162	0.13	0.48	0.011	0.013	0.13	/	/	/	0.11	/					
4	ANSI 150# FLANGE	6"	300	SS400	17400	452	243	28	42	162	0.13	0.48	0.011	0.013	0.13	/	/	/	0.11	/					
5	ANSI 150# FLANGE	10"	130	SS400	17400	452	243	28	42	162	0.13	0.48	0.011	0.013	0.13	/	/	/	0.11	/					
6	ANSI 150# FLANGE	14"	50	SS400	17400	452	243	28	42	162	0.13	0.48	0.011	0.013	0.13	/	/	/	0.11	/					
7	ANSI 150# FLANGE	16"	10	SS400	17400	452	243	28	42	162	0.13	0.48	0.011	0.013	0.13	/	/	/	0.11	/					
8	ANSI 150# FLANGE	24"	10	SS400	17400	452	243	28	42	162	0.13	0.48	0.011	0.013	0.13	/	/	/	0.11	/					
9	TABLE E FLANGE	2"	300	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	/	0.12	/					
10	TABLE E FLANGE	3"	1200	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	/	0.12	/					
11	JIS 10K PL FLANGE	1.1/4"	200	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
12	JIS 10K PL FLANGE	2"	3000	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
13	JIS 10K PL FLANGE	3"	2600	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
14	JIS 10K PL FLANGE	4"	1800	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
15	JIS 10K PL FLANGE	5"	300	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
16	JIS 10K PL FLANGE	6"	1000	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
17	JIS 10K PL FLANGE	8"	150	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
18	JIS 10K PL FLANGE	12"	220	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
19	JIS 10K PL FLANGE	16"	10	SS400	17403	455	244	29	41	165	0.12	0.46	0.011	0.012	0.11	/	/	/	0.12	/					
20	DIN2576 PN10 FLANGE	1.1/2"	40	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	/	0.12	/					
TOTAL			11790																						

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.



 Manufacturer: HEBEI XINFEIHONG HIGH-PRESSURE FLANGE AND PIPE FITTING CO., LTD

INSPECTOR: 赵之强



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-UJEM22-02																		
CONTRACT NO: XF-UJEM22-01/02		DATE OF REPORT: 2022-3-1																		
GOOD DESCRIPTION: 4308PCS OF FLANGE																				
MARK OF MANUFACTURER: XF																				
Physical properties				Chemical Analyses																
Item No.	Name	Size	QTY/PC	Material	Heat No	TS	YS	E	R	H	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	
21	DIN2576 PN10 FLANGE	2.1/2"	100	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
22	DIN2576 PN10 FLANGE	6"	70	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
23	DIN2576 PN10 FLANGE	8"	80	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
24	DIN2576 PN10 FLANGE	10"	20	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
25	DIN2576 PN10 FLANGE	14"	10	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
26	DIN2576 PN10 FLANGE	16"	8	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
27	DIN2576 PN10 FLANGE	18"	8	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
28	DIN2576 PN10 FLANGE	20"	8	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
29	DIN2576 PN10 FLANGE	24"	4	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
30	DIN2502 PN16 FLANGE	1/2"	200	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
31	DIN2502 PN16 FLANGE	1.1/2"	200	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
32	DIN2502 PN16 FLANGE	2"	1200	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
33	DIN2502 PN16 FLANGE	2.1/2"	260	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
34	DIN2502 PN16 FLANGE	3"	1000	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
35	DIN2502 PN16 FLANGE	4"	700	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
36	DIN2502 PN16 FLANGE	8"	400	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
37	DIN2502 PN16 FLANGE	16"	10	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
38	DIN2502 PN16 FLANGE	18"	10	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
39	DIN2502 PN16 FLANGE	24"	5	ST37.2	56990	456	242	29	43	165	0.14	0.49	0.013	0.011	0.12	/	/	0.12	/	
40	ANSI 150# BLIND	5"	15	SS400	17500	458	246	28	42	168	0.12	0.48	0.012	0.013	0.11	/	/	0.13	/	
TOTAL			4308																	

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.

河北鑫丰高压法兰管件有限公司

INSPECTOR: 赵之强

Manufacturer: HEBEI XINFEIHONG HIGH-PRESSURE FLANGE AND PIPE FITTING CO., LTD
 AND PIPE FITTING CO., LTD

赵之强

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-UEM22-02																		
CONTRACT NO: XF-UEM22-01/02		DATE OF REPORT: 2022-3-1																		
GOOD DESCRIPTION: 748 PCS OF FLANGE		MARK OF MANUFACTURER: XF																		
Item No.	Name	Size	QTY/PC	Material	Heat No	Physical properties						Chemical Analyses								
						TS	YS	E	R	H	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	
41	ANSI 150# BLIND	6"	30	SS400	17500	458	246	28	42	168	0.12	0.48	0.012	0.013	0.11	/	/	0.13	/	
42	ANSI 150# BLIND	14"	12	SS400	17500	458	246	28	42	168	0.12	0.48	0.012	0.013	0.11	/	/	0.13	/	
43	ANSI 300# BLIND	3"	20	SS400	17500	458	246	28	42	168	0.12	0.48	0.012	0.013	0.11	/	/	0.13	/	
44	ANSI 300# BLIND	6"	10	SS400	17500	458	246	28	42	168	0.12	0.48	0.012	0.013	0.11	/	/	0.13	/	
45	TABLE E BLIND	3"	36	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
46	TABLE E BLIND	6"	10	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
47	TABLE E BLIND	8"	10	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
48	JIS 10K BLIND	2"	25	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/	
49	JIS 10K BLIND	3"	110	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/	
50	JIS 10K BLIND	4"	180	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/	
51	JIS 10K BLIND	6"	50	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/	
52	JIS 5K BLIND	3"	30	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/	
53	JIS 5K BLIND	4"	10	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/	
54	PN 10 BLIND	2"	80	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
55	PN 10 BLIND	2.1/2"	15	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
56	PN 10 BLIND	6"	10	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
57	PN 10 BLIND	10"	20	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
58	PN 16 BLIND	1.1/4"	20	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
59	PN 16 BLIND	1.1/2"	20	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
60	PN 16 BLIND	2"	50	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/	
TOTAL			748																	

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

河北鑫丰高压法兰管件有限公司
 HEBEI XINFENG HIGH-PRESSURE
 FLANGE AND PIPE FITTING CO., LTD

鑫丰

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-UJEM22-02																	
CONTRACT NO: XF-UJEM22-01/02		DATE OF REPORT: 2022-3-1																	
GOOD DESCRIPTION: 1379 PCS OF FLANGE																			
MARK OF MANUFACTURER: XF																			
Physical properties																			
Item No.	Name	Size	QTY/PC	Material	Heat No	TS	YS	E	R	H	C	Mn	P	S	Si	Cu	Ni	Cr	Mo
61	PN 16 BLIND	4"	60	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
62	PN 16 BLIND	5"	80	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
63	PN 16 BLIND	6"	30	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
64	PN 16 BLIND	16"	8	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
65	PN 40 BLIND	8"	10	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
66	PN 40 BLIND	10"	3	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
67	TABLE E FLANGE GI	4"	45	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
68	TABLE E GI	6"	30	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
69	JIS 10K BLIND GI	8"	8	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/
70	JIS 10K BLIND GI	12"	5	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/
71	JIS 10K GI	2.1/2"	220	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/
72	JIS 10K GI	4"	180	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/
73	JIS 10K GI	5"	100	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/
74	JIS 10K GI	6"	200	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/
75	JIS 10K GI	8"	100	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/
76	JIS 10K GI	12"	10	SS400	56010	462	245	28	41	166	0.12	0.52	0.011	0.013	0.11	/	/	0.13	/
77	DIN2502 PN16 FLANGE GI	4"	110	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
78	DIN2502 PN16 FLANGE GI	5"	60	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
79	DIN2502 PN16 FLANGE GI	10"	60	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
80	DIN2502 PN16 FLANGE GI	12"	60	ST37.2	56002	459	248	29	43	167	0.13	0.47	0.013	0.009	0.12	/	/	0.11	/
TOTAL			1379																

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

河北鑫丰高压法兰管件有限公司
 HEBEI XINFENG HIGH-PRESSURE
 FLANGE AND PIPE FITTING CO., LTD
