

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: Unimech Engineering (M)Sdn.Bhd	CERTIFICATE REF: NO: XF-UEM21-12	
CONTRACT NO: XF-UEM21-12	DATE OF REPORT: 2021-8-20	
GOOD DESCRIPTION: 4672PCS OF FLANGE		
MARK OF MANUFACTURER: XF		

Item NO.	Flange 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	EN1092-1 SORF PN16 FLANGE	1/2"	100	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
2	EN1092-1 SORF PN16 FLANGE	3/4"	100	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
3	EN1092-1 SORF PN16 FLANGE	1"	50	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
4	EN1092-1 SORF PN16 FLANGE	1.1/2"	100	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
5	EN1092-1 SORF PN16 FLANGE	2"	120	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
6	EN1092-1 SORF PN16 FLANGE	3"	400	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
7	EN1092-1 SORF PN16 FLANGE	4"	200	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
8	EN1092-1 SORF PN16 FLANGE	6"	100	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
9	EN1092-1 PN40 WNRF FLANGE	2"	50	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
10	EN1092-1 PN40 WNRF FLANGE	3"	20	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
11	EN1092-1 PN40 WNRF FLANGE	4"	25	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
12	EN1092-1 PN40 SORF FLANGE	1/2"	30	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
13	EN1092-1 PN40 SORF FLANGE	3/4"	200	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
14	EN1092-1 PN40 SORF FLANGE	1"	300	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
15	EN1092-1 PN40 SORF FLANGE	1.1/2"	250	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
16	EN1092-1 PN40 SORF FLANGE	2"	400	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
17	EN1092-1 PN40 SORF FLANGE	2.1/2"	30	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
18	EN1092-1 PN40 SORF FLANGE	4"	100	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
19	EN1092-1 PN40 SORF FLANGE	8"	60	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
20	EN1092-1 PN40 BLIND (RF) FLANGE	8"	20	ST37.2	19005	476	244	31	43	163	0.12	0.47	0.014	0.008	0.14	/	/	0.13	/				
21	ANSI B16.5 150LBS SORF FLANGE	3/4"	100	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
22	ANSI B16.5 150LBS SORF FLANGE	1"	100	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
23	ANSI B16.5 150LBS SORF FLANGE	1.1/2"	50	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
24	ANSI B16.5 150LBS SORF FLANGE	3"	220	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
25	ANSI B16.5 150LBS SORF FLANGE	4"	150	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
26	ANSI B16.5 150LBS SORF FLANGE	8"	300	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
27	ANSI B16.5 150LBS SORF FLANGE	12"	80	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
28	ANSI B16.5 150LBS SORF FLANGE	20"	20	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
29	ANSI B16.5 150LBS BLIND FLANGE	1/2"	150	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
30	ANSI B16.5 150LBS BLIND FLANGE	3/4"	20	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
31	ANSI B16.5 150LBS BLIND FLANGE	1"	100	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
32	ANSI B16.5 150LBS BLIND FLANGE	4"	30	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
33	ANSI B16.5 150LBS BLIND FLANGE	8"	40	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
34	ANSI B16.5 150LBS WNRF FLANGE	1/2"	20	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
35	ANSI B16.5 150LBS WNRF FLANGE	1"	50	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
36	ANSI B16.5 150LBS WNRF FLANGE	2"	50	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
37	ANSI B16.5 150LBS WNRF FLANGE	4"	30	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
38	ANSI B16.5 150LBS WNRF FLANGE	6"	15	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
39	ANSI B16.5 150LBS WNRF FLANGE	10"	12	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
40	ANSI B16.5 300LBS SORF FLANGE	1/2"	50	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
41	ANSI B16.5 300LBS SORF FLANGE	2"	50	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				
42	ANSI B16.5 300LBS SORF FLANGE	3"	30	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/				

cks Flange

43	ANSI B16.5 300LBS SORF FLANGE	4"	100	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
44	ANSI B16.5 300LBS SORF FLANGE	6"	100	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
45	ANSI B16.5 300LBS SORF FLANGE	12"	5	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
46	ANSI B16.5 300LBS BLIND (RF) FLANGE	1/2"	20	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
47	ANSI B16.5 300LBS BLIND (RF) FLANGE	3"	40	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
48	ANSI B16.5 300LBS BLIND (RF) FLANGE	8"	20	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
49	ANSI B16.5 300LBS BLIND (RF) FLANGE	10"	10	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
50	ANSI B16.5 300LBS WNRF (SCH80) FLANGE	3"	20	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
51	ANSI B16.5 150LBS THREADED FLANGE	2"	35	A105	36690	502	271	28	36	174	0.22	0.76	0.016	0.019	0.23	0.11	0.12	0.15	/
			TOTAL																
			4672																

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.

河北高氏法兰管件有限公司
 HEBEI XINFEI HIGH-PRESSURE FLANGE
 AND PIPE FITTING CO., LTD

INSPECTOR: 赵之强

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

赵之强

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: Unimech Engineering (M) Sdn. Bhd		CERTIFICATE REF. NO: XF-UJEM21-09																		
CONTRACT NO: ZPO-2104-0014		DATE OF REPORT: 2021-8-20																		
MARK OF MANUFACTURER: XF																				
GOOD DESCRIPTION: 886PCS OF FLANGE																				
ITEM NO.	Flange 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	
9	ASA150 SORF FLANGE	2"	200	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
11	ASA150 SORF FLANGE	8"	250	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
12	ASA150 BLIND FLANGE	6"	126	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
13	ASA150 WNRFL FLANGE	2"	80	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
14	ASA150 WNRFL FLANGE	10"	10	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
19	ASA300 SORF FLANGE	2"	100	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
20	ASA300 SORF FLANGE	3"	80	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
21	ASA300 SORF FLANGE	4"	10	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
22	ASA300 SORF FLANGE	8"	30	SS400	56930	472	245	31	43	163	0.15	0.48	0.012	0.008	0.13	/	/	0.12	/	
TOTAL			886																	

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: 赵之强

Without Complaint

Without Complaint

Without Complaint

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