CHEMICAL ANALYSIS AND MECHANCIAL 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-UEM037
CONTRACT NO:ZPO-1804-0015	DATE OF REPORT: 13th April 2018
GOOD DESCRIPTION:1406PCS OF PIPE FITTING	MARK OF MANUFACTURER:XF

				Physical properties							Chemical Analyses					
Item No.	Name	Size	QTY/PC	Material	Heat No	YP	TS	E	R	H	C	Si	Mn	P	S	Cr
1	SGP CON. REDUCER	2" X 1.1/4"	200	A234WPB	1832	245	452	26	42	156	0.21	0.12	0.48	0.012	0.011	0.12
2	SGP CON. REDUCER	2" X 1.1/2"	150	A234WPB	1832	245	452	26	42	156	0.21	0.12	0.48	0.012	0.011	0.12
3	SGP CON. REDUCER	3" X 2.1/2"	150	A234WPB	1833	243	451	23	44	154	0.20	0.13	0.47	0.014	0.014	0.13
4	SGP CON. REDUCER	6" x 3"	40	A234WPB	1835	242	456	24	35	153	0.22	0.11	0.52	0.011	0.009	0.11
5	SGP CON. REDUCER	6" X 4"	150	A234WPB	1835	242	456	24	35	153	0.22	0.11	0.52	0.011	0.009	0.11
6	SGP CON. REDUCER	6" X 5"	60	A234WPB	1835	242	456	24	35	153	0.22	0.11	0.52	0.011	0.009	0.11
7	SGP CON. REDUCER	8" x 4"	30	A234WPB	1841	246	451	26	35	152	0.22	0.13	0.54	0.014	0.013	0.13
8	SGP CON. REDUCER	8" X 6"	150	A234WPB	1841	246	451	26	35	152	0.22	0.13	0.54	0.014	0.013	0.13
9	SGP CON. REDUCER	14" x 10"	10	A234WPB	1842	245	456	32	32	154	0.20	0.12	0.49	0.012	0.014	0.12
10	SGP CON. REDUCER	14" X 12"	7	A234WPB	1842	245	456	32	32	154	0.20	0.12	0.49	0.012	0.014	0.12
11	SGP CON. REDUCER	18" x 10"	5	A234WPB	1877	241	451	32	42	153	0.20	0.11	0.52	0.013	0.012	0.13
12	SGP ECC. REDUCER	4" x 2"	30	A234WPB	4213	242	456	31	45	154	0.21	0.13	0.53	0.009	0.014	0.11
13	SGP ECC. REDUCER	6" x 3"	10	A234WPB	4215	245	457	25	43	152	0.22	0.15	0.54	0.012	0.013	0.12
14	SGP ECC. REDUCER	8" X 4"	60	A234WPB	4211	248	455	26	41	156	0.23	0.12	0.51	0.014	0.015	0.11
15	SGP ECC. REDUCER	8" x 5"	5	A234WPB	4211	248	455	26	41	156	0.23	0.12	0.51	0.014	0.015	0.11
16	SGP ECC. REDUCER	10" X 8"	6	A234WPB	4216	252	452	29	45	154	0.20	0.12	0.54	0.009	0.012	0.14
17	SGP ECC. REDUCER	12" X 10"	3	A234WPB	4217	251	453	32	46	153	0.21	0.11	0.53	0.012	0.014	0.11
18	SGP EQUAL TEE	3/4"	200	A234WPB	3321	253	451	30	42	154	0.20	0.14	0.48	0.011	0.013	0.12
19	SGP EQUAL TEE	2"	100	A234WPB	3325	245	453	31	45	151	0.19	0.12	0.46	0.012	0.006	0.14
20	SGP EQUAL TEE	2.1/2"	40	A234WPB	3326	243	451	32	43	156	0.20	0.11	0.42	0.013	0.009	0.11
TOTAL			1406													

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

CHEMICAL ANALYSIS AND MECHANCIAL 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-UEM037
CONTRACT NO:ZPO-1804-0015	DATE OF REPORT: 13th April 2018
GOOD DESCRIPTION:15544PCS OF PIPE FITTING	MARK OF MANUFACTURER:XF

Item No.	Name	Size	QTY/PC	Physical properties							Chemical Analyses					
				Material	Heat No	YP	TS	E	R	H	C	Si	Mn	P	S	Cr
21	SGP EQUAL TEE	3"	150	A234WPB	3327	241	454	24	42	158	0.21	0.13	0.47	0.011	0.011	0.12
22	SGP EQUAL TEE	4"	50	A234WPB	3328	243	456	25	41	154	0.21	0.14	0.46	0.012	0.013	0.13
23	SGP EQUAL TEE	6"	20	A234WPB	3399	244	452	26	45	153	0.23	0.13	0.52	0.008	0.012	0.14
24	SGP EQUAL TEE	8"	120	A234WPB	3320	245	456	28	44	155	0.19	0.11	0.51	0.011	0.008	0.11
25	SGP RED. TEE	1.1/2" X 1/2"	30	A234WPB	4412	243	452	29	42	156	0.20	0.14	0.54	0.012	0.012	0.12
26	SGP RED. TEE	1.1/2" X 1"	100	A234WPB	4412	246	453	32	43	154	0.21	0.12	0.53	0.013	0.013	0.11
27	SGP RED. TEE	2" X 1.1/2"	100	A234WPB	4413	245	451	33	41	155	0.22	0.13	0.52	0.014	0.014	0.12
28	SGP RED. TEE	3" X 1.1/2"	180	A234WPB	4414	247	456	31	42	156	0.21	0.11	0.54	0.013	0.012	0.14
29	SGP RED. TEE	6" x 5"	4	A234WPB	4415	245	457	32	45	154	0.21	0.12	0.55	0.012	0.011	0.13
30	SGP RED. TEE	8" X 6"	30	A234WPB	4416	243	452	30	42	152	0.23	0.14	0.56	0.014	0.014	0.11
31	SGP RED. TEE	10" x 6"	60	A234WPB	4417	244	456	31	43	154	0.22	0.13	0.52	0.013	0.013	0.12
32	SGP ELBOW 45 DEG	3/4"	200	A234WPB	4862	245	455	34	41	153	0.21	0.11	0.51	0.008	0.009	0.14
33	SGP ELBOW 90 DEG	1/2"	500	A234WPB	6341	246	454	33	44	156	0.22	0.12	0.62	0.009	0.011	0.11
34	SGP ELBOW 90 DEG	3/4"	1000	A234WPB	6342	243	453	32	42	154	0.21	0.14	0.51	0.011	0.012	0.12
35	SGP ELBOW 90 DEG	1"	3000	A234WPB	6345	247	452	32	41	152	0.19	0.13	0.54	0.013	0.013	0.11
36	SGP ELBOW 90 DEG	1.1/4"	5000	A234WPB	6378	248	451	35	43	154	0.18	0.11	0.52	0.008	0.014	0.12
37	SGP ELBOW 90 DEG	1.1/2"	2500	A234WPB	6344	243	462	34	41	156	0.21	0.12	0.53	0.012	0.015	0.14
38	SGP ELBOW 90 DEG	2"	1000	A234WPB	6245	245	463	36	42	154	0.23	0.14	0.51	0.013	0.012	0.13
39	SGP ELBOW 90 DEG	2.1/2"	1000	A234WPB	6241	243	456	32	41	155	0.22	0.13	0.52	0.009	0.014	0.11
40	SGP ELBOW 90 DEG	3"	500	A234WPB	6255	242	453	31	44	152	0.21	0.11	0.54	0.013	0.011	0.12
TOTAL			15544													

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 XINFENGHUI HIGH PRESSURE FLANGE AND PIPE FITTING CO., LTD

河北鑫丰高压法兰管件有限公司

CHEMICAL ANALYSIS AND MECHANCIAL 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-UEM037
CONTRACT NO:ZPO-1804-0015	DATE OF REPORT: 13th April 2018
GOOD DESCRIPTION:9560PCS OF PIPE FITTING	MARK OF MANUFACTURER:XF

Item No.	Name	Size	QTY/PC	Physical properties							Chemical Analyses					
				Material	Heat No	YP	TS	E	R	H	C	Si	Mn	P	S	Cr
41	SGP ELBOW 90 DEG	3.1/2"	200	A234WPB	6285	247	465	30	42	153	0.20	0.14	0.53	0.014	0.013	0.14
42	SGP ELBOW 90 DEG	4"	500	A234WPB	6289	248	463	32	43	154	0.18	0.13	0.51	0.012	0.014	0.13
43	SGP ELBOW 90 DEG	5"	200	A234WPB	6266	246	462	35	35	158	0.17	0.12	0.52	0.015	0.012	0.11
44	SGP ELBOW 90 DEG	6"	500	A234WPB	6374	243	461	36	32	152	0.21	0.14	0.46	0.012	0.014	0.12
45	SGP ELBOW 90 DEG	8"	300	A234WPB	6891	245	462	31	31	154	0.22	0.11	0.48	0.013	0.009	0.14
46	SGP ELBOW 90 DEG	10"	200	A234WPB	6971	251	463	35	33	156	0.21	0.12	0.46	0.014	0.008	0.13
47	SGP ELBOW 90 DEG	12"	200	A234WPB	6397	253	472	34	32	151	0.22	0.14	0.47	0.012	0.006	0.14
48	SGP END CAP	1.1/4"	300	A234WPB	5689	254	471	36	33	154	0.21	0.13	0.46	0.008	0.011	0.13
49	SGP END CAP	2"	300	A234WPB	5671	253	473	31	34	153	0.21	0.11	0.45	0.009	0.012	0.11
50	SGP END CAP	8"	100	A234WPB	5688	251	470	30	32	151	0.21	0.14	0.46	0.011	0.013	0.12
51	SGP G.I ELBOW 45 DEG	1.1/4"	600	A234WPB	4975	256	471	32	31	154	0.23	0.12	0.47	0.012	0.008	0.13
52	SGP G.I ELBOW 45 DEG	2.1/2"	60	A234WPB	4979	254	475	35	30	153	0.22	0.13	0.45	0.014	0.009	0.14
53	SGP G.I ELBOW 90 DEG	3/4"	300	A234WPB	2315	253	476	36	30	151	0.18	0.14	0.46	0.013	0.012	0.13
54	SGP G.I ELBOW 90 DEG	1"	800	A234WPB	2314	251	474	30	32	156	0.19	0.11	0.47	0.012	0.008	0.12
55	SGP G.I ELBOW 90 DEG	1.1/4"	3000	A234WPB	2320	253	456	32	31	154	0.21	0.12	0.52	0.008	0.009	0.14
56	SGP G.I ELBOW 90 DEG	2"	800	A234WPB	2326	251	452	31	34	151	0.22	0.11	0.54	0.011	0.011	0.13
57	SGP G.I ELBOW 90 DEG	2.1/2"	300	A234WPB	2329	251	453	34	32	153	0.21	0.12	0.53	0.012	0.012	0.12
58	SGP G.I ELBOW 90 DEG	4"	700	A234WPB	2328	253	454	32	34	154	0.22	0.14	0.49	0.009	0.014	0.14
59	SGP G.I ELBOW 90 DEG	8"	100	A234WPB	2352	254	452	31	32	156	0.21	0.13	0.51	0.013	0.013	0.13
60	SGP G.I ELBOW 90 DEG	10"	100	A234WPB	2346	251	451	30	31	151	0.22	0.12	0.54	0.014	0.008	0.11
TOTAL			9560													

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

河北鑫丰高压法兰管件有限公司

CHEMICAL ANALYSIS AND MECHANCIAL 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-UEM037
CONTRACT NO:ZPO-1804-0015	DATE OF REPORT: 13th April 2018
GOOD DESCRIPTION:547PCS OF PIPE FITTING	MARK OF MANUFACTURER:XF

Item No.	Name	Size	QTY/PC	Physical properties							Chemical Analyses					
				Material	Heat No	YP	TS	E	R	H	C	Si	Mn	P	S	Cr
61	SGP G.I CON. REDUCER	2.1/2" X 2"	12	A234WPB	7845	256	456	32	30	158	0.21	0.14	0.53	0.011	0.012	0.12
62	SGP G.I CON. REDUCER	3" x 1.1/2"	40	A234WPB	7855	251	452	31	32	152	0.22	0.13	0.56	0.013	0.011	0.14
63	SGP G.I CON. REDUCER	4" X 3"	70	A234WPB	7841	253	451	32	35	151	0.23	0.11	0.58	0.009	0.013	0.13
64	SGP G.I CON. REDUCER	5" X 2"	10	A234WPB	7842	248	456	30	34	156	0.18	0.13	0.54	0.011	0.011	0.11
65	SGP G.I CON. REDUCER	5" X 3"	10	A234WPB	7842	249	452	33	32	155	0.21	0.14	0.56	0.013	0.012	0.12
66	SGP G.I CON. REDUCER	5" x 4"	12	A234WPB	7842	251	451	31	35	154	0.20	0.11	0.54	0.014	0.008	0.14
67	SGP G.I CON. REDUCER	6" x 4"	40	A234WPB	7896	253	453	31	31	158	0.22	0.12	0.53	0.012	0.009	0.13
68	SGP G.I CON. REDUCER	6" X 5"	30	A234WPB	7896	254	451	34	30	157	0.21	0.13	0.58	0.018	0.011	0.12
69	SGP G.I CON. REDUCER	8" x 6"	40	A234WPB	7892	256	452	32	32	156	0.23	0.14	0.57	0.013	0.012	0.14
70	SGP G.I EQUAL TEE	2.1/2"	150	A234WPB	3752	251	456	31	30	154	0.21	0.12	0.56	0.008	0.013	0.13
71	SGP G.I EQUAL TEE	5"	8	A234WPB	3741	253	451	35	31	153	0.22	0.11	0.54	0.009	0.008	0.11
72	SGP G.I EQUAL TEE	6"	50	A234WPB	3752	245	452	32	34	154	0.23	0.13	0.46	0.010	0.007	0.12
73	SGP G.I RED TEE	2" X 1.1/2"	30	A234WPB	3774	246	453	30	33	152	0.21	0.14	0.48	0.011	0.009	0.13
74	SGP G.I RED TEE	6" X 2 1/2"	15	A234WPB	3775	247	457	32	35	155	0.24	0.12	0.52	0.012	0.011	0.14
75	SGP G.I RED TEE	6" x 4"	20	A234WPB	3775	246	456	33	36	158	0.23	0.11	0.54	0.008	0.013	0.12
76	SGP G.I RED TEE	8" X 6"	10	A234WPB	3779	248	451	34	32	157	0.22	0.13	0.53	0.008	0.008	0.13
TOTAL			547													

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