

## MILL CERTIFICATE

CUSTOMER : UNIMECH ENGINEERING (M) SDN. BHD.  
 ADDRESS : WISMA UNIMECH, 4934, JALAN CHAIN FERRY,  
 12100 BUTTERWORTH, PENANG, MALAYSIA  
 TEL: 60-43235823 FAX: 60-43325176

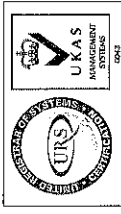
CERTIFICATE NO. : IE-2021-068  
 DATE : SEP 09, 2021

NO.	DESCRIPTION OF GOODS	QTY (PCS)	HEAT NO.	CHEMICAL COMPOSITION (%)											MECHANICAL PROPERTY				DIMENSION AND SURFACE
				C	Si	Mn	P	S	Cr	Ni	Mo	Fe	T.S. MPa	Y.S. MPa	EL %	HB			
																	MPa	MPa	
1	SS304 CASTED PLANE FLANGE JIS 5K ID27.7 3/4"	60	H3230721	0.0615	0.8183	1.1011	0.0325	0.0218	17.7836	8.1986	-	71.9826	472	191	26	172	OK		
2	SS304 CASTED PLANE FLANGE JIS 5K ID34.5 1"	120	H5230721	0.0596	0.8163	1.0325	0.0358	0.0299	17.8163	8.1936	-	72.0160	453	210	28	175	OK		
3	SS304 CASTED PLANE FLANGE JIS 5K ID62.0 2"	600	H7230721	0.0601	0.8136	0.9975	0.0345	0.0253	17.8799	8.2125	-	71.9766	458	205	25	173	OK		
4	SS304 CASTED PLANE FLANGE JIS 5K ID90.7 3"	150	H9230721	0.0603	0.8188	1.1066	0.0342	0.0288	17.8255	8.1036	-	72.0222	450	193	26	176	OK		
5	SS304 CASTED PLANE FLANGE JIS 5K ID170.7 6"	100	H1270721	0.0593	0.8097	0.9981	0.0308	0.0257	17.7213	8.1954	-	72.1597	453	190	25	171	OK		
6	SS304 CASTED PLANE FLANGE JIS 5K ID221.5 8"	50	H3270721	0.0606	0.8136	0.9751	0.0333	0.0228	17.7198	8.2133	-	72.1615	442	192	27	172	OK		
7	SS304 CASTED PLANE FLANGE JIS 10K ID22.3 1/2"	700	H5270721	0.0591	0.7987	0.9678	0.0319	0.0236	17.8244	8.2259	-	72.0686	448	199	28	176	OK		
8	SS304 CASTED PLANE FLANGE JIS 10K ID34.5 1"	2,000	H7270721	0.0606	0.7895	1.0850	0.0345	0.0217	17.7591	8.2085	-	72.0411	459	200	27	177	OK		
9	SS304 CASTED PLANE FLANGE JIS 10K ID49.5 1-1/2"	150	H9270721	0.0597	0.8243	0.9964	0.0324	0.0251	17.7898	8.2245	-	72.0478	480	201	27	173	OK		
10	SS304 CASTED PLANE FLANGE JIS 10K ID62.0 2"	250	H1290721	0.0571	0.8071	0.9872	0.0352	0.0219	17.6977	8.2056	-	72.1882	478	209	28	175	OK		
11	SS304 CASTED PLANE FLANGE JIS 10K ID74.7 2-1/2"	300	H3290721	0.0603	0.8083	0.9963	0.0319	0.0252	17.7395	8.2088	-	72.1297	459	210	25	172	OK		
12	SS304 CASTED PLANE FLANGE JIS 10K ID90.7 3"	700	H5290721	0.0603	0.7996	1.0850	0.0333	0.0234	17.7525	8.1866	-	72.0593	480	195	27	175	OK		
13	SS304 CASTED PLANE FLANGE JIS 10K ID116.1 4"	260	H7290721	0.0582	0.8135	1.0630	0.0318	0.0228	17.7559	8.2089	-	72.0459	463	193	25	173	OK		
14	SS304 CASTED PLANE FLANGE JIS 10K ID143.8 5"	100	H9290721	0.0604	0.8136	0.9781	0.0311	0.0216	17.8621	8.2116	-	72.0215	457	190	28	174	OK		
15	SS304 CASTED PLANE FLANGE JIS 10K ID170.7 6"	450	H1030821	0.0599	0.8051	0.9679	0.0355	0.0227	17.8612	8.2098	-	72.0379	464	194	26	171	OK		
16	SS304 CASTED PLANE FLANGE JIS 10K ID276.3 10"	60	H3030821	0.0607	0.7993	0.9632	0.0348	0.0258	17.7536	8.1977	-	72.1649	475	195	26	178	OK		
17	SS304 CASTED PLANE FLANGE JIS 10K ID327.1 12"	60	H5030821	0.0563	0.7892	1.0780	0.0363	0.0236	17.8915	8.1983	-	71.9268	480	199	28	175	OK		
18	SS304 CASTED PLANE FLANGE JIS 10K ID461.8 18"	6	H7030821	0.0605	0.8114	1.0550	0.0342	0.0219	17.7896	8.1859	-	72.0415	477	192	25	175	OK		
19	SS304 CASTED PLANE FLANGE JIS 20K ID143.8 5"	20	H9030821	0.0584	0.8089	1.0182	0.0318	0.0278	17.7714	8.0978	-	72.1857	469	210	27	176	OK		
20	SS316 CASTED PLANE FLANGE JIS 10K ID27.7 3/4"	20	H8140821	0.0593	0.8785	1.0711	0.0325	0.0234	16.6852	10.1985	2.1512	68.9203	451	208	26	179	OK		
21	SS316 CASTED PLANE FLANGE JIS 10K ID49.5 1-1/2"	150	H2160821	0.0599	0.8596	0.9978	0.0339	0.0225	16.6944	10.0886	2.1682	69.0951	453	205	25	172	OK		
22	SS316 CASTED PLANE FLANGE JIS 10K ID74.7 2-1/2"	20	H4160821	0.0598	0.8789	1.0712	0.0388	0.0299	16.7513	10.1996	2.2153	68.7752	468	197	27	174	OK		
23	SS316 CASTED PLANE FLANGE JIS 10K ID90.7 3"	100	H6160821	0.0405	0.8963	1.0662	0.0395	0.0234	16.6220	10.0745	2.0988	69.1388	459	195	26	171	OK		
24	SS316 CASTED PLANE FLANGE JIS 10K ID170.7 6"	30	H8160821	0.0421	0.8983	1.0523	0.0378	0.0225	16.8251	10.1975	2.1221	68.8023	462	200	27	175	OK		
25	SS316 CASTED PLANE FLANGE JIS 10K ID221.5 8"	50	H2180821	0.0419	0.8891	1.0431	0.0399	0.0211	16.7524	10.1098	2.1978	68.9049	477	205	25	176	OK		
26	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID34.5 1"	100	H7050821	0.0572	0.8052	1.1011	0.0322	0.0257	17.7522	8.1531	-	72.0733	468	206	25	178	OK		



# PT. PERONI KARYA SENTRA

NGORO INDUSTRI PERSADA BLOK K-5A, NGORO, MOJOKERTO 61385, EAST JAVA - INDONESIA  
 Tel: +62 321 6818225, 6818099 • Fax: +62 321 6817229, 6818220 • Email : exp@peroniks.com • URL: www.peroniks.com



CERTIFICATE NO. 3156/A0001/UKAS  
 ISO 9001 : 2015

## MILL CERTIFICATE

CUSTOMER : UNIMECH ENGINEERING (M) SDN. BHD.  
 ADDRESS : WISMA UNIMECH, 4934, JALAN CHAIN FERRY,  
 12100 BUTTERWORTH, PENANG, MALAYSIA  
 TEL: 60-43235823 FAX: 60-43325176

CERTIFICATE NO. : IE-2021-068  
 DATE : SEP 09, 2021

NO.	DESCRIPTION OF GOODS	QTY (PCS)	HEAT NO.	CHEMICAL COMPOSITION (%)											MECHANICAL PROPERTY				DIMENSION AND SURFACE
				C	Si	Mn	P	S	Cr	Ni	Mo	Fe	T.S. MPa	Y.S. MPa	EL %	HB			
27	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID170.7 6"	50	H3050821	0.0613	0.7986	1.1008	0.0315	0.0229	17.8213	8.1985	-	71.9651	454	209	26	175	OK		
28	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID221.5 8"	40	H5050821	0.0608	0.8053	1.0920	0.0318	0.0275	17.8521	8.2243	-	71.9062	478	207	27	171	OK		
29	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID34.5 1"	100	H1050821	0.0616	0.8113	1.1023	0.0324	0.0234	17.7362	8.2082	-	72.0246	480	195	28	177	OK		
30	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID43.2 1-1/4"	120	H9050821	0.0597	0.8023	1.0251	0.0318	0.0299	17.7555	8.2055	-	72.0902	469	196	27	175	OK		
31	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID49.5 1-1/2"	1,000	H1070821	0.0588	0.8051	1.1034	0.0366	0.0219	17.6954	8.1985	-	72.0803	455	191	26	179	OK		
32	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID62.0 2"	200	H3070821	0.0593	0.7978	1.1025	0.0335	0.0277	17.7512	8.2085	-	72.0195	457	210	28	175	OK		
33	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID90.7 3"	500	H5070821	0.0611	0.8033	1.0580	0.0318	0.0255	17.6215	8.1934	-	72.2054	462	199	25	172	OK		
34	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID170.7 6"	300	H7070821	0.0582	0.8217	1.1012	0.0345	0.0236	17.7559	8.0985	-	72.1064	469	207	26	174	OK		
35	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID359.1 14"	10	H9070821	0.0613	0.8151	1.0850	0.0385	0.0275	17.8253	8.1988	-	71.9485	463	201	27	177	OK		
36	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID410.5 16"	4	H1090821	0.0572	0.8051	1.0920	0.0322	0.0299	17.7592	8.1542	-	72.0702	475	208	28	178	OK		
37	SS304 CASTED RAISED FLANGE DIN 2501 PN 40 ID62.0 2"	100	H3090821	0.0609	0.7983	1.0870	0.0319	0.0275	17.7588	8.1984	-	72.0372	477	192	27	175	OK		
38	SS316 CASTED RAISED FLANGE DIN 2501 PN 16 ID34.5 1"	20	H4180821	0.0405	0.8795	1.0152	0.0389	0.0224	16.8211	10.1885	2.2152	68.7787	480	191	28	176	OK		
39	SS316 CASTED RAISED FLANGE DIN 2501 PN 16 ID62.2"	60	H6180821	0.0397	0.8963	1.0113	0.0364	0.0218	16.7853	10.2211	2.1984	68.7897	456	200	27	179	OK		
40	SS316 CASTED RAISED FLANGE DIN 2501 PN 16 ID90.7 3"	120	H8180821	0.0382	0.8789	1.0544	0.0308	0.0236	16.6897	10.2153	2.1253	68.9438	459	210	26	173	OK		
41	SS304 CASTED BLIND FLANGE JIS 5K 1-1/2"	10	H5090821	0.0615	0.8052	1.0510	0.0311	0.0205	17.7523	8.1975	-	72.0809	471	193	27	175	OK		
42	SS304 CASTED BLIND FLANGE JIS 10K 1-1/4"	40	H7090821	0.0608	0.8036	1.0690	0.0304	0.0224	17.7925	8.2251	-	71.9962	480	194	25	171	OK		
43	SS304 CASTED BLIND FLANGE JIS 10K 2"	120	H9090821	0.0607	0.8157	1.0810	0.0305	0.0236	17.6878	8.2084	-	72.0923	479	210	26	175	OK		
44	SS304 CASTED BLIND FLANGE JIS 10K 4"	100	H1130821	0.0589	0.8051	1.0510	0.0316	0.0218	17.7533	8.2115	-	72.0668	452	205	27	177	OK		
45	SS304 CASTED BLIND FLANGE JIS 10K 6"	20	H3130821	0.0581	0.8063	1.0270	0.0305	0.0263	17.6221	8.1896	-	72.2401	457	193	28	172	OK		
46	SS304 CASTED BLIND FLANGE JIS 10K 8"	10	H5130821	0.0563	0.8077	1.0630	0.0312	0.0248	17.8952	8.2081	-	71.9137	466	200	27	176	OK		
47	SS304 CASTED BLIND FLANGE JIS 10K 12"	10	H1130821	0.0589	0.8051	1.0510	0.0316	0.0218	17.7533	8.2115	-	72.0668	452	205	27	177	OK		
48	SS316 CASTED BLIND FLANGE ANSI 150LBS 1/2"	6	H2200821	0.0399	0.8818	1.0890	0.0389	0.0278	16.8450	10.2089	2.1844	68.6843	469	194	27	178	OK		
49	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 3/4"	50	H9130821	0.0612	0.8012	1.1023	0.0307	0.0252	17.7533	8.2054	-	72.0207	472	196	28	171	OK		
50	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 1"	100	H1190821	0.0608	0.8067	1.0893	0.0364	0.0299	17.8152	8.1987	-	71.9630	479	200	25	175	OK		
51	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 1"	80	H3190821	0.0593	0.7984	1.0871	0.0322	0.0207	17.7512	8.2123	-	72.0388	453	199	26	177	OK		
52	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 2"	300	H5190821	0.0604	0.8081	1.1022	0.0313	0.0252	17.8229	8.2251	-	71.9248	467	210	27	178	OK		



# PT. PERONI KARYA SENTRA

NGORO INDUSTRI PERSADA BLOK K-5A, NGORO, MOJOKERTO 61385, EAST JAVA - INDONESIA  
 12100 BUTTERWORTH, PENANG, MALAYSIA  
 Tel: +62 321 6818226, 6818099 • Fax: +62 321 6817229, 6818220 • Email : exp@peroniks.com • URL: www.peroniks.com

## MILL CERTIFICATE

CUSTOMER : UNIMECH ENGINEERING (M) SDN. BHD.  
 ADDRESS : WISMA UNIMECH, 4934, JALAN CHAIN FERRY,  
 12100 BUTTERWORTH, PENANG, MALAYSIA  
 TEL: 60-43235823 FAX: 60-43325176

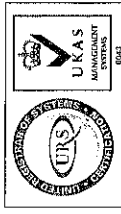
CERTIFICATE NO. : IE-2021-068  
 DATE : SEP 09, 2021

NO.	DESCRIPTION OF GOODS	QTY (PCS)	HEAT NO.	CHEMICAL COMPOSITION (%)											MECHANICAL PROPERTY				DIMENSION AND SURFACE
				C	Si	Mn	P	S	Cr	Ni	Mo	Fe	T.S.		Y.S.	EL	HB		
													MPa	MPa				MPa	
53	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 3"	80	H7190821	0.0611	0.7896	1.1079	0.0324	0.0236	17.7896	8.2355	-	71.9603	451	197	28	173	OK		
54	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 6"	30	H9190821	0.0628	0.7815	1.1023	0.0318	0.0208	17.8513	8.1978	-	71.9517	450	195	27	175	OK		
55	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 12"	10	H1210821	0.0593	0.8056	1.0810	0.0322	0.0245	17.8412	8.2122	-	71.9440	448	190	26	171	OK		
56	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 1-1/4"	10	H3210821	0.0581	0.7963	0.9875	0.0306	0.0233	17.8518	8.1985	-	72.0539	446	209	27	179	OK		
57	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 2"	20	H5210821	0.0604	0.8051	0.9964	0.0344	0.0211	17.8632	8.1983	-	72.0211	448	192	28	173	OK		
58	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 3"	30	H7210821	0.0616	0.8089	0.9781	0.0358	0.0224	17.7586	8.2242	-	72.1104	451	190	25	177	OK		
59	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 6"	50	H9210821	0.0619	0.7963	0.9752	0.0306	0.0285	17.7851	8.1987	-	72.1237	480	199	26	171	OK		
60	SS316 CASTED BLIND RAISED FLANGE ANSI 150LBS 3"	10	H4200821	0.0374	0.8994	1.0080	0.0309	0.0218	16.6812	10.1584	2.1547	69.0082	459	210	28	175	OK		
61	SS316 CASTED BLIND RAISED FLANGE ANSI 150LBS 6"	10	H6200821	0.0381	0.8793	1.0152	0.0315	0.0252	16.7543	10.1986	2.2154	68.8424	467	208	27	178	OK		
62	SS304 CASTED SORF FLANGE ANSI 150LBS 1/2"	350	H1230821	0.0605	0.8012	0.9523	0.0305	0.0236	17.7152	8.2225	-	72.1942	461	210	25	176	OK		
63	SS304 CASTED SORF FLANGE ANSI 150LBS 1"	860	H3230821	0.0591	0.8053	0.9945	0.0308	0.0218	17.7056	8.1988	-	72.1841	475	191	27	178	OK		
64	SS304 CASTED SORF FLANGE ANSI 150LBS 1-1/2"	220	H5230821	0.0606	0.8133	0.9712	0.0317	0.0269	17.8056	8.2143	-	72.0764	480	199	26	176	OK		
65	SS304 CASTED SORF FLANGE ANSI 150LBS 2"	600	H7230821	0.0591	0.7985	1.0530	0.0377	0.0275	17.8133	8.1974	-	72.0135	469	201	28	173	OK		
66	SS304 CASTED SORF FLANGE ANSI 150LBS 3"	360	H9230821	0.0603	0.7972	1.0510	0.0315	0.0222	17.8424	8.1985	-	71.9969	472	197	27	171	OK		
67	SS304 CASTED SORF FLANGE ANSI 150LBS 4"	250	H1250821	0.0607	0.8121	0.9853	0.0308	0.0236	17.7965	8.2254	-	72.0636	441	199	26	175	OK		
68	SS304 CASTED SORF FLANGE ANSI 150LBS 6"	150	H3250821	0.0605	0.8053	1.0893	0.0336	0.0218	17.7551	8.2119	-	72.0225	452	205	28	178	OK		
69	SS304 CASTED SORF FLANGE ANSI 150LBS 12"	10	H5250821	0.0592	0.7985	1.0870	0.0307	0.0222	17.8155	8.2128	-	71.9741	480	210	27	176	OK		
70	SS304 CASTED SORF FLANGE ANSI 300LBS 1/2"	40	H7250821	0.0598	0.8122	1.0520	0.0309	0.0275	17.7836	8.1869	-	72.0471	466	194	25	179	OK		
71	SS304 CASTED SORF FLANGE ANSI 300LBS 6"	10	H9250821	0.0531	0.8097	1.0810	0.0315	0.0226	17.7551	8.2125	-	72.0345	479	195	26	173	OK		
72	SS316 CASTED SORF FLANGE ANSI 150LBS 1/2"	80	H8200821	0.0412	0.8964	1.0086	0.0312	0.0239	16.6855	10.2154	2.1859	68.9119	480	197	27	175	OK		
73	SS316 CASTED SORF FLANGE ANSI 150LBS 3/4"	20	F2240821	0.0396	0.8997	1.0633	0.0309	0.0224	16.7693	10.2225	2.1210	68.8313	451	199	28	177	OK		
74	SS316 CASTED SORF FLANGE ANSI 150LBS 1"	100	H4240821	0.0389	0.8912	1.0163	0.0322	0.0277	16.7559	10.2189	2.2278	68.7911	463	201	26	171	OK		
75	SS316 CASTED SORF FLANGE ANSI 150LBS 1-1/2"	20	H6240821	0.0422	0.8978	1.0215	0.0313	0.0255	16.8251	10.1987	2.1220	68.8359	471	205	27	175	OK		
76	SS316 CASTED SORF FLANGE ANSI 150LBS 2"	40	H8240821	0.0417	0.8965	1.0154	0.0378	0.0226	16.6944	10.1833	2.0988	69.0095	480	210	28	178	OK		



# PT. PERONI KARYA SENTRA

NGORO INDUSTRI PERSADA BLOK K-5A, NGORO, MOJOKERTO 61385, EAST JAVA - INDONESIA  
Tel: +62 321 6818225, 6818226, 6818099 • Fax: +62 321 6817229, 6818220 • Email : exp@peroniks.com • URL: www.peroniks.com



CERTIFICATE NO. 3182AA000100010001  
ISO 9001 : 2015

## MILL CERTIFICATE

CUSTOMER : UNIMECH ENGINEERING (M) SDN. BHD.  
ADDRESS : WISMA UNIMECH, 4934, JALAN CHAIN FERRY,  
12100 BUTTERWORTH, PENANG, MALAYSIA  
TEL: 60-43235823 FAX: 60-43325176

CERTIFICATE NO. : IE-2021-068  
DATE : SEP 09, 2021

NO.	DESCRIPTION OF GOODS	QTY (PCS)	HEAT NO.	CHEMICAL COMPOSITION (%)										MECHANICAL PROPERTY				DIMENSION AND SURFACE
				C	Si	Mn	P	S	Cr	Ni	Mo	Fe	T.S. MPa	Y.S. MPa	EL %	HB		

REMARK : DRAWN UNDER : : OCBC BANK (MALAYSIA) BERHAD  
LC NO. : LCM7311001377  
DATED : 210819

Q.A. MANAGER

DIRECTOR :