



PT. PERONI KARYA SENTRA

NGORO INDUSTRI PERSADA BLOK K-5A, NGORO, MOJOKERTO 61385, EAST JAVA - INDONESIA

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CERTIFICATE NO. 3135/ADD010/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-2021-031
DATE : APR 16, 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	
1	SS304 CASTED PLANE FLANGE JIS 5K ID116.1 4"	150	H1290321	0.0678	0.8487	1.1024	0.0336	0.0269	17.6846	8.2489	-	71.9871	559	275	37	175	OK
2	SS304 CASTED PLANE FLANGE JIS 10K ID90.7 3"	350	H3290321	0.0663	0.8198	1.1058	0.0346	0.0218	17.6648	8.2551	-	72.0318	556	273	38	176	OK
3	SS304 CASTED PLANE FLANGE JIS 10K ID143.8 5"	60	H5290321	0.0648	0.8189	1.1024	0.0328	0.0254	17.6165	8.2849	-	72.0543	554	274	37	174	OK
4	SS304 CASTED PLANE FLANGE JIS 10K ID276.3 10"	10	H7290321	0.0658	0.8714	1.1069	0.0341	0.0263	17.6313	8.2313	-	72.0329	552	271	38	172	OK
5	SS316 CASTED PLANE FLANGE JIS 10K ID34.5 1"	100	H8060421	0.0466	0.8365	1.0745	0.0358	0.0224	16.5200	10.2498	2.2142	69.0002	588	285	39	174	OK
6	SS316 CASTED PLANE FLANGE JIS 10K ID74.7 2-1/2"	10	H2080421	0.0424	0.8144	1.0769	0.0363	0.0285	16.5983	10.2465	2.1894	68.9673	586	288	39	171	OK
7	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID43.2 1-1/4"	10	H9290321	0.0689	0.8484	1.1085	0.0324	0.0269	17.6489	8.2948	-	71.9712	559	279	37	176	OK
8	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID49.5 1-1/2"	50	H1310321	0.0663	0.8299	1.1024	0.0318	0.0245	17.6365	8.2498	-	72.0588	553	273	38	179	OK
9	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID90.7 3"	120	H3310321	0.0625	0.8131	1.1066	0.0345	0.0212	17.6487	8.2241	-	72.0893	554	274	37	174	OK
10	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID116.1 4"	30	H5310321	0.0618	0.8498	1.1034	0.0369	0.0245	17.6635	8.2361	-	72.0240	552	271	38	172	OK
11	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID143.8 5"	50	H7310321	0.0646	0.8477	1.1018	0.0336	0.0275	17.6555	8.2119	-	72.0374	558	275	37	174	OK
12	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID221.5 8"	30	H1090421	0.0636	0.8113	1.1015	0.0327	0.0295	17.6198	8.2395	-	72.1021	556	277	39	176	OK
13	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID276.3 10"	60	H1010421	0.0669	0.8178	1.1058	0.0347	0.0217	17.6954	8.2498	-	72.0079	554	279	38	174	OK
14	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID49.5 1-1/2"	200	H3010421	0.0678	0.8879	1.1089	0.0344	0.0236	17.6124	8.2321	-	72.0329	553	279	39	179	OK
15	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID62.0 2"	400	H5010421	0.0639	0.8417	1.1016	0.0399	0.0285	17.6169	8.2046	-	72.1029	551	276	37	173	OK
16	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID116.1 4"	1,200	H7010421	0.0645	0.8496	1.1049	0.0346	0.0266	17.6447	8.2432	-	72.0319	559	277	38	177	OK
17	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID143.8 5"	100	H9010421	0.0669	0.8177	1.1075	0.0374	0.0235	17.6361	8.2693	-	72.0416	554	278	37	175	OK
18	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID221.5 8"	150	H1030421	0.0634	0.8546	1.1086	0.0395	0.0242	17.6498	8.2411	-	72.0188	556	279	39	171	OK
19	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID276.3 10"	100	H3030421	0.0617	0.8491	1.1025	0.0311	0.0285	17.6555	8.2482	-	72.0234	557	276	37	174	OK
20	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID327.1 12"	10	H5030421	0.0648	0.8366	1.1049	0.0336	0.0269	17.6391	8.2368	-	72.0573	559	273	38	172	OK
21	SS304 CASTED RAISED FLANGE DIN 2501 PN 40 ID43.2 1-1/4"	20	H7030421	0.0658	0.8487	1.1075	0.0342	0.0224	17.6948	8.2932	-	71.9334	556	274	37	175	OK
22	SS304 CASTED RAISED FLANGE DIN 2501 PN 40 ID49.5 1-1/2"	100	H9030421	0.0624	0.8643	1.1025	0.0399	0.0288	17.6546	8.2561	-	71.9914	557	277	38	174	OK
23	SS304 CASTED RAISED FLANGE DIN 2501 PN 40 ID62.0 2"	20	H1050421	0.0669	0.8541	1.1036	0.0399	0.0263	17.6477	8.2178	-	72.0437	553	277	37	178	OK
24	SS304 CASTED RAISED FLANGE DIN 2501 PN 40 ID74.7 2-1/2"	10	H3050421	0.0636	0.8479	1.1079	0.0369	0.0244	17.6691	8.2189	-	72.0313	551	271	39	176	OK
25	SS304 CASTED RAISED FLANGE DIN 2501 PN 40 ID90.7 3"	50	H5050421	0.0642	0.8653	1.1022	0.0342	0.0275	17.6056	8.2321	-	72.0689	555	272	37	179	OK
26	SS304 CASTED RAISED FLANGE DIN 2501 PN 40 ID170.7 6"	20	H7050421	0.0668	0.8484	1.1041	0.0358	0.0288	17.6498	8.2569	-	72.0094	557	276	38	173	OK



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				C	Si	Mn	P	S	Cr	Ni	Mo	Fe	T.S. MPa	Y.S. MPa	EL %	HB		
27	SS316 CASTED RAISED FLANGE DIN 2501 PN 16 ID34.5 1"	30	H4080421	0.0425	0.8898	1.0758	0.0324	0.0269	16.5178	10.2184	2.1981	68.9983	582	282	39	174	OK	
28	SS316 CASTED RAISED FLANGE DIN 2501 PN 16 ID49.5 1-1/2"	30	H6080421	0.0482	0.8654	1.0769	0.0336	0.0224	16.5680	10.2456	2.1988	68.9411	585	287	39	177	OK	
29	SS304 CASTED BLIND FLANGE JIS 5K 2"	30	H9050421	0.0649	0.8613	1.1036	0.0358	0.0236	17.6489	8.2693	-	71.9926	555	276	38	179	OK	
30	SS304 CASTED BLIND FLANGE JIS 10K 1-1/2"	120	H1070421	0.0686	0.8198	1.1048	0.0350	0.0241	17.6147	8.2188	-	72.1142	559	279	37	176	OK	
31	SS316 CASTED BLIND FLANGE JIS 5K 1"	20	H8080421	0.0433	0.8499	1.0769	0.0327	0.0225	16.5146	10.2894	2.2142	68.9565	581	283	38	174	OK	
32	SS316 CASTED BLIND FLANGE JIS 5K 1-1/4"	30	H2100421	0.0441	0.8177	1.0744	0.0346	0.0236	16.5596	10.2156	2.1798	69.0506	584	284	39	171	OK	
33	SS316 CASTED BLIND FLANGE JIS 5K 2-1/2"	15	H4100421	0.0458	0.8857	1.0736	0.0375	0.0242	16.5498	10.2497	2.2131	68.9206	582	281	37	172	OK	
34	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 10 2"	10	H3070421	0.0624	0.8988	1.1082	0.0396	0.0215	17.6361	8.2998	-	71.9336	553	275	37	175	OK	
35	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 10 4"	10	H5070421	0.0685	0.8593	1.1071	0.0336	0.0275	17.6489	8.2631	-	71.9920	552	278	38	173	OK	
36	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 10 6"	5	H7070421	0.0669	0.8471	1.1049	0.0347	0.0284	17.6547	8.2505	-	72.0128	554	276	37	171	OK	
37	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 1-1/2"	50	H9070421	0.0636	0.8313	1.1066	0.0385	0.0214	17.6693	8.2489	-	72.0204	555	273	39	174	OK	
38	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 3"	30	H1090421	0.0624	0.8654	1.1036	0.0369	0.0286	17.6498	8.2392	-	72.0141	558	277	37	177	OK	
39	SS316 CASTED BLIND RAISED FLANGE ANSI 150LBS 2"	30	H6100421	0.0418	0.8789	1.0775	0.0324	0.0224	16.5499	10.2148	2.1736	69.0087	586	286	38	175	OK	
40	SS304 CASTED SORF FLANGE ANSI 150LBS 1"	120	H3090421	0.0663	0.8177	1.1084	0.0388	0.0236	17.6396	8.2241	-	72.0815	553	279	37	178	OK	
41	SS304 CASTED SORF FLANGE ANSI 150LBS 5"	100	H5090421	0.0686	0.8582	1.1077	0.0363	0.0288	17.6311	8.2892	-	71.9801	551	274	39	176	OK	
42	SS316 CASTED SORF FLANGE ANSI 150LBS 1/2"	100	H8100421	0.0428	0.8245	1.0796	0.0336	0.0296	16.5489	10.2662	2.1914	68.9834	587	281	39	179	OK	
43	SS304 CASTED WNRF FLANGE ANSI 150LBS 1/2"	100	H7090421	0.0614	0.8692	1.1063	0.0346	0.0224	17.6987	8.2498	-	71.9576	552	272	38	177	OK	
44	SS304 CASTED WNRF FLANGE ANSI 150LBS 1"	70	H9090421	0.0656	0.8688	1.1025	0.0397	0.0236	17.6721	8.2631	-	71.9646	558	277	37	172	OK	



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				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. : LCM7311001237

DATED : 210406

Q.A. MANAGER

DIRECTOR :



CERTIFICATE NO. 5135/ADD/01/UKAS
ISO 9001 : 2015