

PT. PERONI KARYA SENTRA

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

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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

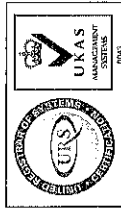
CERTIFICATE NO. : IE-2021-019
 DATE : MAR 06, 2021

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 ID34.5 1"	250	H9030211	0.0646	0.8189	1.1063	0.0333	0.0263	17.6364	8.2312	-	72.0830	556	273	37	171	OK	
2	SS304 CASTED PLANE FLANGE JIS 5K ID43.2 1-1/4"	250	H1050221	0.0624	0.8163	1.1048	0.0348	0.2480	17.6436	8.2479	-	71.8422	559	277	37	173	OK	
3	SS304 CASTED PLANE FLANGE JIS 5K ID49.5 1-1/2"	250	H3050221	0.0663	0.8198	1.1049	0.0342	0.0219	17.6498	8.2458	-	72.0573	559	274	38	174	OK	
4	SS304 CASTED PLANE FLANGE JIS 5K ID90.7 3"	50	H5050221	0.0685	0.8493	1.1069	0.0358	0.0266	17.6498	8.2399	-	72.0232	558	279	37	172	OK	
5	SS304 CASTED PLANE FLANGE JIS 5K ID170.7 6"	20	H7050221	0.0686	0.8419	1.1055	0.0331	0.0263	17.6866	8.3196	-	71.9184	556	274	38	174	OK	
6	SS304 CASTED PLANE FLANGE JIS 10K ID34.5 1"	200	H9050221	0.0669	0.8178	1.1017	0.0369	0.0248	17.6354	8.2487	-	72.0678	556	277	39	179	OK	
7	SS304 CASTED PLANE FLANGE JIS 10K ID62.0 2"	1,000	H1090221	0.0635	0.8354	1.1085	0.0334	0.0269	17.6491	8.2643	-	72.0189	553	276	37	177	OK	
8	SS304 CASTED PLANE FLANGE JIS 10K ID116.1 4"	1,000	H3090221	0.0624	0.8498	1.1096	0.0348	0.0224	17.6187	8.3142	-	71.9881	557	273	38	176	OK	
9	SS304 CASTED PLANE FLANGE JIS 10K ID170.7 6"	250	H1010221	0.0655	0.8782	1.1036	0.0376	0.0258	17.6522	8.2691	-	71.9680	558	272	37	171	OK	
10	SS304 CASTED PLANE FLANGE JIS 10K ID221.5 8"	200	H7090221	0.0689	0.8399	1.1049	0.0355	0.0233	17.6149	8.3649	-	71.9477	551	274	39	172	OK	
11	SS304 CASTED PLANE FLANGE JIS 20K ID143.8 5"	10	H9090221	0.0678	0.8521	1.1086	0.0324	0.0224	17.6352	8.3142	-	71.9673	555	278	38	176	OK	
12	SS304 CASTED PLANE FLANGE TABLE E ID62.0 2"	50	H1110221	0.0636	0.8499	1.1096	0.0399	0.0233	17.6961	8.2948	-	71.9228	556	278	37	175	OK	
13	SS304 CASTED PLANE FLANGE TABLE E ID90.7 3"	200	H3110221	0.0663	0.8419	1.1055	0.0363	0.0224	17.6485	8.2931	-	71.9860	557	272	38	173	OK	
14	SS304 CASTED PLANE FLANGE TABLE E ID116.1 4"	200	H5110221	0.0675	0.8698	1.1024	0.0329	0.0278	17.6874	8.2987	-	71.9135	556	274	39	177	OK	
15	SS304 CASTED PLANE FLANGE TABLE E ID327.1 12"	12	H7110221	0.0656	0.8741	1.1024	0.0345	0.0278	17.6298	8.2665	-	71.9993	557	277	37	174	OK	
16	SS316 CASTED PLANE FLANGE JIS 10K ID43.2 1-1/4"	20	H4240221	0.0469	0.8146	1.0746	0.0346	0.0249	16.5498	10.2498	2.2148	68.9900	588	289	39	177	OK	
17	SS316 CASTED PLANE FLANGE JIS 10K ID62.2"	350	H6240221	0.0436	0.8498	1.0775	0.0324	0.0263	16.5493	10.2392	2.2391	68.9428	583	287	37	179	OK	
18	SS316 CASTED PLANE FLANGE JIS 10K ID116.1 4"	60	H8240221	0.0455	0.8436	1.0722	0.0378	0.0248	16.5477	10.2499	2.1914	68.9871	589	285	39	176	OK	
19	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID170.7 6"	120	H9110221	0.0655	0.8395	1.1048	0.0373	0.0224	17.6424	8.2478	-	72.0403	558	273	38	173	OK	
20	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID327.1 12"	40	H1130221	0.0648	0.8441	1.1036	0.0348	0.0227	17.6360	8.2393	-	72.0547	554	272	37	174	OK	
21	SS304 CASTED RAISED FLANGE DIN 2501 PN 10 ID359.1 14"	5	H3130221	0.0652	0.8979	1.1048	0.0369	0.0218	17.6189	8.2498	-	72.0047	556	27	38	172	OK	
22	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID27.7 3/4"	350	H5130221	0.0675	0.8346	1.1075	0.0355	0.0246	17.6649	8.2351	-	72.0303	558	271	37	175	OK	
23	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID34.5 1"	700	H7130221	0.0669	0.8499	1.1096	0.0324	0.0228	17.6631	8.2489	-	72.0064	551	275	38	178	OK	
24	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID43.2 1-1/4"	80	H9130221	0.0652	0.8251	1.1024	0.0358	0.0259	17.6491	8.2477	-	72.0488	553	272	39	172	OK	
25	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID49.5 1-1/2"	450	H1150221	0.0674	0.8196	1.1036	0.0336	0.0236	17.6165	8.2391	-	72.0966	559	279	37	176	OK	
26	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID74.7 2-1/2"	350	H3150221	0.0685	0.8498	1.1048	0.0385	0.0271	17.6498	8.2384	-	72.0231	556	273	38	177	OK	

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CERTIFICATE NO. 3155A0001UKER
ISO 9001 : 2015

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				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 16 ID90.7 3"	500	H5150221	0.0669	0.8887	1.1075	0.0369	0.0249	17.6356	8.3148	-	71.9247	553	276	37	178	OK	
28	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID221.5 8"	100	H7150221	0.0636	0.8499	1.1085	0.0323	0.0275	17.6492	8.2683	-	72.0007	557	278	39	179	OK	
29	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID327.1 12"	30	H9150221	0.0645	0.8345	1.1069	0.0349	0.0285	17.6637	8.2481	-	72.0189	551	272	37	176	OK	
30	SS304 CASTED RAISED FLANGE DIN 2501 PN 16 ID410.5 16"	5	H1170221	0.0675	0.8984	1.1036	0.0324	0.0269	17.6789	8.2392	-	71.9531	555	274	38	173	OK	
31	SS304 CASTED RAISED FLANGE DIN 2501 PN 40 ID116.1 4"	50	H3170221	0.0658	0.8552	1.1088	0.0385	0.0236	17.6633	8.2488	-	71.9960	558	279	37	174	OK	
32	SS316 CASTED RAISED FLANGE DIN 2501 PN 16 ID27.7 3/4"	40	H2260221	0.0440	0.8983	1.0770	0.0369	0.0214	16.5498	10.2349	2.1971	68.9406	589	287	39	172	OK	
33	SS304 CASTED BLIND FLANGE JIS 5K 3"	80	H5170221	0.0663	0.8481	1.1046	0.0336	0.0224	17.6949	8.2481	-	71.9820	556	278	37	175	OK	
34	SS304 CASTED BLIND FLANGE JIS 10K 2"	100	H7170221	0.0689	0.8369	1.1079	0.0348	0.0245	17.6317	8.2361	-	72.0592	553	272	38	171	OK	
35	SS304 CASTED BLIND FLANGE JIS 10K 2-1/2"	15	H9170221	0.0624	0.8498	1.1036	0.0363	0.0285	17.6381	8.2748	-	72.0065	554	274	37	179	OK	
36	SS304 CASTED BLIND FLANGE JIS 10K 3"	120	H1190221	0.0685	0.8489	1.1075	0.0385	0.0241	17.6388	8.2363	-	72.0374	552	276	39	177	OK	
37	SS304 CASTED BLIND FLANGE JIS 10K 4"	70	H3190221	0.0666	0.8640	1.1088	0.0324	0.0236	17.6492	8.2481	-	72.0073	558	273	37	175	OK	
38	SS304 CASTED BLIND FLANGE JIS 10K 10"	10	H5190221	0.0647	0.8479	1.1069	0.0399	0.0255	17.6369	8.2693	-	72.0089	556	278	38	171	OK	
39	SS304 CASTED BLIND FLANGE TABLE E 4"	15	H7190221	0.0685	0.8631	1.1034	0.0336	0.0289	17.6496	8.2489	-	72.0040	551	272	37	174	OK	
40	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 1"	150	H9190221	0.0663	0.8499	1.1018	0.0324	0.0248	17.6487	8.2399	-	72.0362	554	274	39	172	OK	
41	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 2"	70	H1230221	0.0624	0.8996	1.1058	0.0349	0.0263	17.6463	8.2481	-	71.9766	552	271	37	178	OK	
42	SS304 CASTED BLIND RAISED FLANGE ANSI 150LBS 3"	20	H3230221	0.0689	0.8350	1.1069	0.0355	0.0275	17.6824	8.2390	-	72.0048	553	279	39	173	OK	
43	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 1"	50	H5230221	0.0655	0.8478	1.1037	0.0375	0.0288	17.6693	8.2146	-	72.0328	556	276	37	176	OK	
44	SS304 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 1-1/4"	25	H7230221	0.0648	0.8521	1.1024	0.0325	0.0269	17.6491	8.2361	-	72.0361	559	273	38	178	OK	
45	SS316 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 2-1/2"	30	H4260221	0.0463	0.8693	1.0718	0.0369	0.0224	16.5498	10.2489	2.2143	68.9403	582	289	39	179	OK	
46	SS316 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 2-1/2"	10	H6260221	0.0428	0.8498	1.0749	0.0336	0.0215	16.5346	10.2469	2.1948	69.0011	588	281	38	176	OK	
47	SS316 CASTED BLIND RAISED FLANGE DIN 2501 PN 16 4"	10	H8260221	0.0424	0.8494	1.0763	0.0343	0.0278	16.5498	10.2346	2.2314	68.9540	581	284	39	174	OK	
48	SS304 CASTED SORF FLANGE ANSI 150LBS 1/2"	150	H9230221	0.0689	0.8565	1.1027	0.0348	0.0296	17.6489	8.2419	-	72.0167	554	278	37	171	OK	
49	SS304 CASTED SORF FLANGE ANSI 150LBS 2"	800	H3010221	0.0636	0.8498	1.1055	0.0333	0.0225	17.6943	8.2315	-	71.9995	556	276	38	176	OK	
50	SS304 CASTED SORF FLANGE ANSI 150LBS 3"	500	H3250221	0.0624	0.8591	1.1096	0.0382	0.0241	17.6489	8.3148	-	71.9429	559	273	37	177	OK	
51	SS304 CASTED SORF FLANGE ANSI 150LBS 4"	320	H5250221	0.0675	0.8163	1.1036	0.0324	0.0236	17.6361	8.2925	-	72.0280	553	278	39	174	OK	
52	SS304 CASTED SORF FLANGE ANSI 150LBS 6"	350	H7250221	0.0685	0.8984	1.1079	0.0349	0.0266	17.6489	8.2220	-	71.9928	554	271	37	175	OK	



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CERTIFICATE NO. 3135A/000/AUK/15R
ISO 9001 : 2015

MILL CERTIFICATE

CUSTOMER : UNIMECH ENGINEERING (M) SDN. BHD.
ADDRESS : WISMA UNIMECH, 4934, JALAN CHAIN FERRY,
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				C	Si	Mn	P	S	Cr	Ni	Mo	Fe	T.S. MPa	Y.S. MPa	EL %	HB		
53	SS304 CASTED SORF FLANGE ANSI 150LBS 14"	10	H9250221	0.0666	0.8319	1.1055	0.0375	0.0249	17.6649	8.2489	-	72.0198	558	279	38	171	OK	
54	SS304 CASTED SORF FLANGE ANSI 300LBS 3"	10	H1270221	0.0636	0.8174	1.1072	0.0388	0.0236	17.6949	8.3148	-	71.9397	552	274	37	177	OK	
55	SS304 CASTED WNRF FLANGE ANSI 150LBS 1"	80	H5010221	0.0655	0.8521	1.1081	0.0369	0.0275	17.6692	8.2591	-	71.9816	559	277	39	176	OK	
56	SS304 CASTED WNRF FLANGE ANSI 150LBS 2"	10	H1030221	0.0686	0.8392	1.1093	0.0336	0.0285	17.6481	8.2914	-	71.9813	556	275	37	178	OK	
57	SS304 CASTED WNRF FLANGE ANSI 150LBS 2-1/2"	30	H3010221	0.0624	0.8495	1.1085	0.0317	0.0222	17.6521	8.2498	-	72.0238	551	273	39	172	OK	
58	SS304 CASTED WNRF FLANGE ANSI 150LBS 4"	60	H7010221	0.0688	0.8749	1.1067	0.0328	0.0219	17.6989	8.2489	-	71.9471	557	279	37	174	OK	

REMARK :DRAWN UNDER :OCBC BANK (MALAYSIA) BERHAD
LC NO. : LCM7311001179
DATED : 210218

Q.A. MANAGER

ang Ulaya

DIRECTOR :

PT. PERONI KARYA SENTRA
[Signature]