

北方集团 (香港) 有限公司
NORTHERN HOLDING LIMITED
MILL TEST CERTIFICATE

PO :ZPO-2110-0007

Date:30th,November 2021

Item	DESCRIPTIONS	Material	Size	QTY PCS	HEAT NO.	Physical Test			Chemical Composition							
						T.S Mpa	Y.P Mpa	E.L Reduction (%)	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)
1	REDUCING BUSHING 3000# NPT	A105	1" X 1/2"	100	1020	≥485	≥250	≥22	≤0.35	0.10-0.35	0.6-1.05	≤0.35	0.04	≤0.30	≤0.4	≤0.4
2		A105	1" x 3/4"	300	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
3	CAP 3000# NPT	A105	1"	50	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
4	ELBOW 90 DEG 3000# NPT	A105	1"	120	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
5	NIPPLE 3000# NPT	A105	1"	200	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
6		A105	1 1/2"	100	1022	556	287	26	0.21	0.22	0.94	0.020	0.004	0.03	0.01	0.02
7		A105	2"	300	1023	552	287	27	0.20	0.22	0.95	0.018	0.007	0.04	0.01	0.01
8	RED. NIPPLE 3000# NPT	A105	1" x 1/2"	20	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
9	PLUG 3000# NPT	A105	4"	10	1024	554	289	28	0.21	0.24	0.94	0.022	0.002	0.04	0.01	0.02
10	TEE 3000# NPT	A105	1"	300	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
11	UNION 3000# NPT	A105	1"	200	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
12	FULL COUPLING 3000# SW	A105	1"	30	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
13	ELBOW 90 DEG 3000# SW	A105	1/2"	280	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
14		A105	1"	320	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
15	ELBOW 45 DEG 3000# SW	A105	1/2"	120	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
16		A105	1"	20	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
17		A105	2"	10	1023	552	287	27	0.20	0.22	0.95	0.018	0.007	0.04	0.01	0.01
18	RED. SOCKET 3000# SW	A105	1.1/2" X 3/4"	25	1022	556	287	26	0.21	0.22	0.94	0.020	0.004	0.03	0.01	0.02
19		A105	3" X 2"	10	1024	554	289	28	0.21	0.24	0.94	0.022	0.002	0.04	0.01	0.02
20	TEE 3000# SW	A105	1/2"	50	1020	552	290	27	0.20	0.23	0.95	0.019	0.005	0.04	0.01	0.02
TOTAL				2,565												

WE HEREBY CERTIFY THAT THE ABOVE PRODUCTS MEET THE REQUIREMENTS, THE MATERIAL WAS MANUFACTURED,SAMPLED,
TESTED AND INSPECTD ACCORDING TO THE STANDARD.

The person in charge of quality:Wu mengchang

The inspector:Cong yanchao

DELIVERY STAFF: Ma junjie

TEST DATE:30th,November 2021



北方集团（香港）有限公司
NORTHERN HOLDING LIMITED

MILL TEST CERTIFICATE

PO :ZPO-2110-0007

Date:30th,November

Item	DESCRIPTIONS	Material	Size	QTY PCS	HEAT NO.	Physical Test			Chemical Composition								
						T.S Mpa	Y.P Mpa	E.L (%)	Reduction ofaren	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)
21	HALF COUPLING 3000# NPT	SS304	1/4"	120	1028	≥520	≥205	≥40		≤0.08	≤1	≤2	≤0.045	≤0.030	18-20	8-10.5	
						665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
22		SS304	1/2"	330	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
23		SS304	1"	200	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
24		SS304	1.1/2"	60	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
25	FULL COUPLING 3000# NPT	SS304	1"	160	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
26		SS304	1.1/2"	30	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
27		SS304	2"	40	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
28	NIPPLE 3000# NPT	SS304	1/4"	150	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
29		SS304	1"	150	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
30	FULL COUPLING 3000# SW	SS304	1"	50	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
31	ELBOW 90 DEG 3000# SW	SS304	3/4"	40	1028	665	337	51		0.057	0.371	1.10	0.033	0.009	18.39	8.0	0.25
TOTAL				1,330													

WE HEREBY CERTIFY THAT THE ABOVE PRODUCTS MEET THE REQUIREMENTS, THE MATERIAL WAS MANUFACTURED, SAMPLED, TESTED AND INSPECTD ACCORDING TO THE STANDARD.

The person in charge of quality: Wu mengchang

The inspector: Cong yanchao

DELIVERY STAFF: Ma junjie

TEST DATE:30th,November 2021

