



Changsha Hunan Steel Co.,LTD.

QUANTITY TEST CERTIFICATE

Certificate No: HNSC2015710-1								
NO	Descript. OF GOODS	Specification	Material	Unit	QTY	Standard	Heat no.:	Country of origin
1	Welding Neck FLANGE	2 150LB	A105	Pcs	100	ANSI B16.5	8166	China
2	Welding Neck FLANGE	2.5 150LB	A105	Pcs	50	ANSI B16.5	8166	China
3	Welding Neck FLANGE	6 150LB	A105	Pcs	300	ANSI B16.5	8166	China
4	Welding Neck FLANGE	4 300LB	A105	Pcs	50	ANSI B16.5	8166	China
5	Welding Neck FLANGE	12 300LB	A105	Pcs	10	ANSI B16.5	8166	China
6	Slip On FLANGE	2 150LB	A105	Pcs	400	ANSI B16.5	8165	China
7	Slip On FLANGE	2.5 150LB	A105	Pcs	100	ANSI B16.5	8165	China
8	Slip On FLANGE	3 150LB	A105	Pcs	200	ANSI B16.5	8165	China
9	Slip On FLANGE	4 150LB	A105	Pcs	600	ANSI B16.5	8165	China
10	Slip On FLANGE	5 150LB	A105	Pcs	50	ANSI B16.5	8165	China
11	Slip On FLANGE	6 150LB	A105	Pcs	200	ANSI B16.5	8165	China
12	Slip On FLANGE	8 150LB	A105	Pcs	100	ANSI B16.5	8165	China
13	Slip On FLANGE	10 150LB	A105	Pcs	80	ANSI B16.5	8165	China
14	Slip On FLANGE	18 150LB	A105	Pcs	15	ANSI B16.5	8165	China
15	Slip On FLANGE	12 150LB	A105	Pcs	50	ANSI B16.5	8165	China
16	Slip On FLANGE	14 150LB	A105	Pcs	20	ANSI B16.5	8165	China
17	Slip On FLANGE	16 150LB	A105	Pcs	10	ANSI B16.5	8165	China
18	Slip On FLANGE	18 150LB	A105	Pcs	10	ANSI B16.5	8165	China
19	Slip On FLANGE	4 300LB	A105	Pcs	100	ANSI B16.5	8165	China
20	Slip On FLANGE	6 300LB	A105	Pcs	40	ANSI B16.5	8165	China
21	Slip On FLANGE	8 300LB	A105	Pcs	20	ANSI B16.5	8165	China
22	Slip On FLANGE	10 300LB	A105	Pcs	20	ANSI B16.5	8165	China
23	Slip On FLANGE	12 300LB	A105	Pcs	20	ANSI B16.5	8165	China
24	Slip On FLANGE	14 300LB	A105	Pcs	20	ANSI B16.5	8165	China
25	Slip On FLANGE	16 300LB	A105	Pcs	5	ANSI B16.5	8165	China
26	Blind FLANGE	8 150LB	A105	Pcs	10	ANSI B16.5	8164	China
27	Blind FLANGE	10 150LB	A105	Pcs	10	ANSI B16.5	8164	China
28	Blind FLANGE	12 150LB	A105	Pcs	20	ANSI B16.5	8164	China
29	Blind FLANGE	6 300LB	A105	Pcs	10	ANSI B16.5	8164	China
30	Blind FLANGE	8 300LB	A105	Pcs	10	ANSI B16.5	8164	China
31	Blind FLANGE	10 300LB	A105	Pcs	10	ANSI B16.5	8164	China
32	Threaded FLANGE	1/2 150LB	A105	Pcs	25	ANSI B16.5	8163	China
33	Threaded FLANGE	1.5 150LB	A105	Pcs	20	ANSI B16.5	8163	China
34	Threaded FLANGE	2.5 150LB	A105	Pcs	15	ANSI B16.5	8163	China

Chemical composition % and Mechanical properties

No	C	Si	Mn	S	P	Cr	Ni	Cu	Ti	Mo	V	Y.S.	T.S.	E.L. (%)	I.T.
												Mpa	MPa		J
1	0.19	0.23	0.39	0.018	0.020	0.14	0.22	0.17				460			
Surface Quality & Dimension				Size	HB	Macrostructure		Leakage		UT	RT				
Pass				Pass	—	Pass		—		—	—				
Inspector: Mr Wang				Chief: Mr Liu			Date: 2015.07.10								