

MATERIAL TEST CERTIFICATE

SEN LOONG HARDWARE TRADING SDN. BHD.  
 Product: CARBON STEEL PIPE FITTINGS and FLANGES

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 10<sup>th</sup>, Sep, 2020  
 Invoice: 20200910

Specification:

SI No	DESCRIPTION	QTY (pcs)	HEAT NO.	CHEMICAL COMPOSITION %										MECHANICAL PROPERTY		
				C	Mn	P	S	Si	Cr	Mo	V	Ni	Cu	Y.S.	T.S.	EL
				×100	×100	×10000	×10000	×100	×100	×100	100	100	100	Mpa	Mpa	%
1	SGP 90DEG ELBOW 2"	3600	812	17	50	17	10	21	1					325	435	30
2	SGP 90DEG ELBOW 1/2"	2900	214	17	48	16	11	20	1					315	435	31
3	SCH40 90DEG ELBOW 12"	30	323	18	49	16	10	21	1.2					325	445	30
4	SCH40 90DEG ELBOW 10"	55	339	18	51	17	10	20	0.8					315	415	29
5	SCH40 90DEG ELBOW 8"	80	263	18	50	18	12	22	1					335	415	31
6	SCH40 90DEG ELBOW 5"	110	623	18	51	16	10	20	0.8					335	425	31
7	SCH40 90DEG ELBOW 2-1/2"	500	393	17	50	17	11	21	1					330	440	30
8	SCH40 90DEG ELBOW 6"	22	265 ✓	17	49	18	11	20	1					310	405	31
9	SCH40 90DEG ELBOW 1/2"	3000	532	16	51	18	10	20	1					355	425	29
10	SCH80 CON.REDUCER 3" X 2-1/2"	30	521	18	51	18	11	20	1					330	430	28
11	SGP ON.REDUCER 12" X 6"	20	182	17	53	18	10	20	1					325	440	28
12	SGP 45DEG ELBOW 12"	4	318	17	50	17	10	21	1					325	435	30
13	SGP 45DEG ELBOW 6"	30	369	17	51	17	10	21	1					330	440	30
14	SGP 45DEG ELBOW 4"	25	254	17	51	17	10	21	1					325	435	29
15	SCH40 45DEG ELBOW 5"	30	635	18	48	18	11	22	1					335	425	30
16	SCH80 45DEG ELBOW 2"	100	321	18	51	17	10	21	1					330	440	30
17	SGP CAP 6"	100	923	17	51	18	10	20	1					355	420	28
18	SGP CAP 2-1/2"	100	933	17	50	17	12	20	1					305	455	28

Inspection Results

Surface & Marking	OK	Dimensions	OK	Material	OK	Hardness	OK	Heat Treatment	OK
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We hereby certify that the products described herein has been manufactured in compliance with Above mentioned standard and that test results shown herein are correct.

Stamp and signature:

Shandong zoupeng jianhua industry co.,LTD