

MILL TEST CERTIFICATE

CANGZHOU HAOGUAN PIPE FITTINGS CO., LTD.

Luzhuangzi Industry Zone, Niujiuzhuang Town, Mengcun County, Hebei Province, China

Tel: 86-317-6810218 Fax: 86-317-6810217

Email: czhaoguan@163.com Web: www.czhaoguan.com

CUSTOMER: UNIMECH ENGINEERING (M) SDN.BHD.

P.O.NO.: ZPO-2007-0023

MATERIAL STANDARDS: CARBON STEEL WELDED PIPE FITTING - WPB 2541
 DIMENSION STANDARD: SCH40, SCH80 CARBON STEEL PIPE FITTINGS

EN 10204 3.1

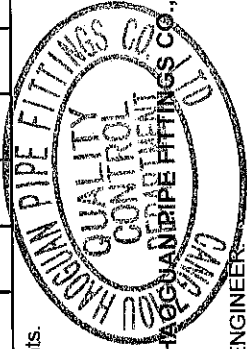
CERTIFICATE NO.
 HG20025

MINIMUM STANDARD AS PER ABOVE SPECIFICATIONS					MECHANICAL PROPERTIES										CHEMICAL COMPOSITION(%)									
ITEM	SIZE	DESCRIPTION	QTY	HEAT#	415 Mpa MIN TENSILE	240 Mpa MIN YIELD	30% MIN ELONGATION	197 HB MAX HARDNESS	COLD FORM Y/N	HOT FORMED TEMP.C	0.30 max C	0.29 To 1.06 Mn	0.050 max P	0.058 max S	0.10 min Si	0.40 max Cr	0.15 max Mo	0.40 max Ni	0.40 max Cu	0.08 max V	0.02 max Nb	0.50 max C.E.		
1	1"X1/2"	C.S SCH40 CON REDUCER	200	857	425	278	33				0.21	0.51	0.031	0.031	0.26									
2	2"X1"	C.S SCH40 CON REDUCER	500	578	450	272	33				0.18	0.52	0.030	0.032	0.26									
3	2"X1"	C.S SCH40 ECC REDUCER	30	578	450	272	33				0.18	0.52	0.030	0.032	0.26									
4	3"X2"	C.S SCH40 ECC REDUCER	100	987	435	276	33				0.17	0.53	0.033	0.035	0.29									
5	3/4"	C.S SCH40 EQUAL TEE	300	321	450	265	31				0.20	0.53	0.026	0.026	0.25									
6	1.1/2"X1/2"	C.S SCH40 REDUCING TEE	50	917	445	276	32				0.22	0.48	0.028	0.037	0.27									
7	1.1/2"X1"	C.S SCH40 REDUCING TEE	50	917	445	276	32				0.22	0.48	0.028	0.037	0.27									
8	1"	C.S SCH80 EQUAL TEE	100	758	435	276	31				0.19	0.50	0.029	0.036	0.25									
9	2"	C.S SCH80 EQUAL TEE	200	859	455	278	32				0.19	0.52	0.029	0.034	0.26									
10	1"X3/4"	C.S SCH80 REDUCING TEE	20	758	435	276	31				0.19	0.50	0.029	0.036	0.25									

We hereby certify that the material described herein has been inspected/tested satisfactorily in accordance with the standards specified above and purchase order requirements.

REMARKS:

- 1. VISUAL EXAMINATION: GOOD
- 2. DIMENSIONAL EXAMINATION: GOOD



CANGZHOU HAOGUAN PIPE FITTINGS CO., LTD.

CHIEF ENGINEER

DATE: 9-Oct-20