

MATERIAL TEST CERTIFICATE

Unimech Engineering (M) Sdn Bhd

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Product: CARBON STEEL PIPE FITTINGS

Date: Mar. 29th, 2021

Specification:

Invoice: 20210329

Sl 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	×1000	×1000	×100	×100	×100	×100	×100	×100	×100	Mpa	Mpa	%
1	Steam socket welded BSPT 1/4"	10000	210	17	51	18	11	20	1					100	305	435	30
2	Steam socket welded BSPT 1/2"	5000	285	19	50	17	10	21	2						325	405	31
3	Steam socket welded BSPT 3/4"	3000	164	17	51	18	11	20	1					305	435	30	
4	Steam socket welded BSPT 1"	2000	351	18	50	19	12	23	1					325	450	31	
5	Steam socket welded BSPT 1-1/2"	500	220	18	53	17	10	20	2					325	445	31	
6	Steam socket welded BSPT 2-1/2"	300	260	19	55	17	9	23	1					325	450	31	

Inspection Results

Surface & Marking	Dimensions	Material	Hardness	Heat Treatment	Nondestructive test
OK	OK	OK	OK	OK	OK

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.

