## INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	BHD.			Certificate No. 1020330282-017-01-01
DELIVER To							Date : 2020/06/04
JOB NAME							
JOB No.							
P.O.No.	AP0-2004	I-0010					KITZ
PRODUCT CODE							• • • • •
SPECIFICATI					MAIN PAR		
Manuf No.	10203302	282-017	2011 01 005			me of parts	Material
Description	FLANGED	O DUCTILE IF	RON GLOBE	VALVE	001 B0 002 B0		Gr. 60-40-18 Gr. 60-40-18
Figure	150SPB1/	2					
Size	1/2			inch(B)			
Quantity	2						
Valve No.							
Item No.	17						
Kiki No.							
TEST							
Pressure tes				and pressure	Item	Judge.	Attached sheet
Shell	Good	Hydro	2.6	MPa	Material	Good	Material Test Result
	Good	Air	1.8	MPa	Dimension	n Good	
Seat		Hydro	-		Visual	Good	
	Good	Air	0.6	MPa	Operation	peration Good	
Back seat		Hydro	-				
		Air	-		MPa Operation Good		
							<b>I</b>
NONDESTRUCT				T			
Type of exam	ination and	judgement		Attached sh	eet		
DELLA SUG							
REMARKS	\/F <b>T</b> FOT =:::	IN/DD / I I I I I I		DET.:			
KEPRESENTAT I	VE TEST BY I	HYDRAULIC SH	ELL TEST I	HAS BEEN PERFO	KMED		
						R.m	CPORATION
				_	_	KITZ CO	PPORATION
		Witnessed	by				SI OKALION

## MATERIAL TEST RESULT

MESSRS		UNIMECH ENGINEERING (M) SDN. BHD.													Certificate No. 1020330282-017-01-01-Z1					
JOB N	NAME																: 20			:
JOB N																				
P.O.No. APO-2 PRODUCT CODE		0-2004-0010												K			7			
TROBE	,,,,	0002																		
Figur	re	150SPB	1/2									Valve No	. [							
Material ASTM A 395 Gr. (					· . 60	60-40-18						Item No.	·	17						
1 1:		ge No.	e No.		Display No.			Name of Parts BODY								1				
2 13F					BONNET									-						
3 4																				
	11CA	AL COMP	OSITIO	ON %			I				:_					<u>:</u>				
Eleme	ent	С	Si	Р	Mn															
Sp	ec.	Min 3.00	*Max 2.50	Max 0.080																
1		3.61	2.59	0.021	0.26															
2		3.61	2.60	0.019	0.29															
4 Eleme	an t	+			<u> </u>			_			+					<u> </u>				
	ec.	1									+									
1	<u> </u>	+									+									
2																				
3 4																				
	101	I TEST						1			•	IMPA	СТ	TEST						
ltem Unit	$\bot$					ensile st MPa	r.Yield s MPa		Elongati %	on										
Spec	.					lin	Min		Min											
1	+					115 130	275 281		18 21	_					_					
2						130 130	282		21											
3 4																				
Item	Тна	ardness	Micros	structure	- <u> </u>				<u> </u>				T			T		T		
Unit	HE	3	%										#					1		
Spec		43   Min  87   90																		
1																				
2 3	'	43	90																	
4	<u> </u>															<u> </u>				
	TR bec.	<u>EATMEN</u> T	I C								Т									
1		<u> </u>																		
2 3																				
4	N.					•										40 1	^			
N:Normalizing A:Annealing WQ:Water Quenching OQ:0il Quench				T:Tempering ng WC:Water Cooling					Q:Quenching FC:Furnace Cooling			AC:Air Cooling g ST:Solution Treatment								
REMA	\RKS	3	-			_				-										
* Eve	ery 204	0.01% F Type 2	reduc	ction e	nable	es 0.08%	6 Si inc	creas	se each	withir	n th	ne maximu	m 2	.75%.						
	_0-7	1300 2																		
												7	P	COF	yaz	aur	a			
			_	D	evie	ved by		-				Ki	Γ <b>2</b>	COF	- <b>/</b> RPのi	RAT	ion	_ i		
				, r	G V I CV	icu by							_	QC I	Manager	1		•		