INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	BHD.			Certificate No. 1020330662-013-01-01			
DELIVER To							Date : 2020/07/03			
JOB NAME										
JOB No.										
P.O.No.	AP0-2004	-0010					KITZ			
PRODUCT CODE										
SPECIFICATION					MAIN PART		To a contract to			
Manuf No.	10203306	<u>62-013</u> 0 DUCTILE IF	ON CLODE	\/AL\//□		e of parts	Material			
Description	FLANGED		KUN GLUBE	VALVE	001 BOD 002 BONI		Gr. 60-40-18 Gr. 60-40-18			
Figure	150SPB3/	4								
Size	3/4			inch(B)						
Quantity	10									
Valve No.										
Item No.	18									
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	Good				
Seat		Hydro	-		Visual	Good				
	Good	Air	0.6	MPa	Operation	Good				
Back seat		Hydro	-							
		Air	-							
		I								
NONDESTRUCT				Associated						
Type of exam	ination and	juagement		Attached she	eet					
DEMARKO										
REMARKS	VE TECT DV I	ארווואם ארווו	EII TECT I	HAS BEEN PERFOR	DMED					
REPRESENTATI	VE IESI DI I	TUKAULIC SH	ELL IESI I	1A3 DEEN PERFUR	KIVIEU					
						<i>n</i>				
						K.m	CORATION			
		Wi tnessed	hv	_		KİTZ COF	RPORATION			
		withessea	υγ		-		,, - · · · - · ·			

MATERIAL TEST RESULT

MESSRS	3		UNIME	UNIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330662-013-01-01-Z1					
JOB NA	AME																Date : 2020/07/03				
JOB No).																		_		
P.O.No. APO- PRODUCT CODE			AP0-2	P0-2004-0010												K		7 2			
TRODUC	<i>)</i> 1 C	JODE													<u> </u>			_			
Figure	9	150SPB	3/4									Valve N	No.								
Material ASTM A 395 Gr. 60-40-18												Item No		18							
Charge No.				Display No.			Name of Parts				_										
1 138 2 13F 3 4					BODY BONNET																
	CAL	_ COMP	OSITIO	N %			1									<u>:</u>					
Elemen	nt	С	Si	Р	Mn																
Spe	ec. —	Min 3.00	*Max 2.50	Max 0.080																	
1		3.61	2.59	0.021																	
2		3.61	2.60	0.019	0.29																
4 Elemen	o t										-							_			
Spe																					
1	<u> </u>										+							+			
2																					
3 4																					
TENSI	ON	TEST						ı				IM	PAC1	TEST							
Item						nsile str			Elongati	on											
Unit Spec.				MPa Min		MPa % Min Min				_				+							
	$oxed{oxed}$				4′	5	275		18							_					
1 2						30 30	281 282		21 21												
3 4																					
Item	На	rdness	Micros	structure	<u>-</u>					- 						Τ			•		
Unit	HΒ\	N	%										_								
Spec.	Dec. 143 Min 187 90																				
1	1 143 90																				
2	14,	S	90																		
4		· ^ T. 1														1					
HEAT Spe		ATMEN	ı C																		
1																					
2																					
4 N:N	orma	alizing		A : A	nneali	na		T:Ten	npering			Q:Que	nchir	na		AC:Ai	r Coolir	na			
WQ:Water Quenching					WC:Water Cooling					FC:Furnace Cooling ST:Solution T					-	t					
REMAR		0.040/ *	<u> </u>	4:		- 0. 000	0: :			: 41 .				0.75%					1		
EN102	ry (04 ⁻	J.01% i Type 2.	. 2	ction e	nabies	s 0.08%	SI Inc	creas	e eacn	withir	ı tn	e maxir	num .	2.75%.							
													K	m	iyazi	aur	a				
		Reviewed by										K	R. Miyazawa KITZ CORPORATION QC Manager								