## INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	Certificate No. 1020330662-004-01-01									
DELIVER TO							Date : 2020/07/03					
JOB NAME												
JOB No.												
P.O.No.	AP0-2004	-0010					KITZ					
PRODUCT CODE												
SPECIFICATIO	ON				MAIN PARTS	8						
Manuf No.	10203306	62-004				of parts	Material					
Description	10K DUCT	ILE IRON GLO	BE VALVE S	SCREWED ENDS	001 BODY		Gr. 60-40-18					
·					002 BONN		Gr. 60-40-18					
Figure	10SJ11/2											
Size	11/2			inch(B)								
Quantity	16											
Valve No.												
Item No.	7											
Kiki No.												
TEST	•											
Pressure test	t Judge.	Inspecti	on fluid a	nd pressure	Item	Judge.	Attached sheet					
Shell	Good	Hydro	2.1	MPa	Material	Good	Material Test Result					
	Good	Air	1.4	MPa	Dimension	Good						
Seat		Hydro	-		Visual	Good						
				ND.	Onanation	0						
	Good	Air	0.6	MPa	Operation	Good						
Back seat		Hydro	-									
		Air	-									
NONDESTRUCT				•								
Type of exami	ination and	judgement		Attached she	et							
REMARKS												
REPRESENTAT I \	VE TEST BY H	HYDRAULIC SH	ELL TEST H	AS BEEN PERFOR	MED							
					R. Miyazawa							
				_	-							
		Witnessed	by		KITZ CORPORATION  OC Manager							

## MATERIAL TEST RESULT

MESSRS			UNIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330662-004-01-01-Z1					
JOB NA	AME																	2020		
JOB No.																				_
P.O.No. APO-2 PRODUCT CODE			AP0-2	P0-2004-0010													K		<b>7</b> 2	
FRODUC	<i>)</i>   (	JUDE																	_	
Figure	e	10SJ11	/2									Valve	No.							
Material ASTM A 395 Gr. 6					. 60	60-40-18						Item	No.	7						
	harge No.			Displa	ay No	).	Name of BODY	Name of Parts									!			
1 139 2 13F 3 4						BONNET														
CHEMI		COMP		N %																
Elemen		C Min	Si *Max	P Max	Mn			<u> </u>		_				-				+		
Spe	ec. <u></u>	3.00	2.50	0.080																
1		3.62	2.66 2.60	0.018																
2 3		3.61	2.60	0.019	0.2	9														
4 Elemen	n t							<u> </u>												
Spe											$\dashv$				$\dashv$					
1	<u> </u>	-						-							_					
2																				
3 4																				
TENSI	ION	TEST											I MPAC	T TE	ST					
Item							r. Yield s		Elongati	on							_			
Unit Spec.						M <u>Pa</u> Min	MPa Min		% Min								+			
	$\vdash$					415	275		18			_								
1 2						425 430	281 282		21 21											
3 4																				
Item	Ha	rdness	Micros	structure			<del> </del>										<u></u>			
Unit	HΒ\	N	%	Structure											_					
Spec.	143 183																			
1	14	3	90																	
2	14	3	90																	
4																				
HEAT Spe		ATMEN	T °C								_									
1											+									
2 3																				
4																				
N:Normalizing A:Annealing WQ:Water Quenching OQ:Oil Quenc				T:Tempering  mg WC:Water Cooling					Q:Quenching FC:Furnace Cooling				AC:Air Cooling  g ST:Solution Treatment							
REMAF		J. QUOIT	y		311 6	~~011011111	<u> </u>		<u></u>	- 1 1119			· arride		<u> </u>		51.00		oatmol	
* Eve	ry (	0.01% F	reduc	tion e	nable	es 0.08	% Si ind	creas	se each	withi	n t	he max	ci mum	2.75	5%.					
EN102	U4 ¯	Type 2.	. 2																	
													1		• • • •					
													K	. j	Nù	yazi	ewe	7		
				R	evie	wed by		-				_	KiT	<b>2</b> C	OR	POF	RAT	ION		