INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	BHD.				Certificate No. 1020330662-003-01-01			
ELIVER To								Date : 2020/07/03			
IOB NAME											
IOB No.											
.O.No.	AP0-2004	-0010						KITZ			
PRODUCT CODE								• • • • •			
SPECIFICATION	N				MAIN	PARTS	_				
Manuf No.	10203306	62-003					of parts	Material			
escription	10K DUCT	ILE IRON GLC	BE VALVE	SCREWED ENDS		BODY BONNE	Т	Gr. 60-40-18 Gr. 60-40-18			
Figure	10SJ1										
Size	1			inch(B)							
Quantity	48										
Valve No.											
Item No.	5										
Kiki No.	 										
	1										
TEST Pressure test	Judge.	Inchesti	on fluid a	and proceure	Item		Judge.	Attached sheet			
Shell	Good	Hydro	2.1	and pressure MPa	Mater	ial	Good	Material Test Result			
Oneri	Good	Air	1.4	MPa	Dimens		Good	material rest needs			
Poot	0000		-	WII a	Visua		Good				
Seat		Hydro		Ш			Good				
	Good	Air	0.6	MPa	Opera	Ton	G000				
Back seat		Hydro	-								
		Air	-								
			•								
NONDESTRUCT I				Attached obs	no t						
Type of examin	nation and	juugement		Attached she	εcι						
REMARKS				1							
	E TEST BY H	YDRAULIC SH	ELL TEST H	HAS BEEN PERFOR	RMED						
-											
						R. Miyazawa KITZ CORPORATION					
		Witnessed	b.		K	ITZ COR	RPORATION				

MATERIAL TEST RESULT

MESSRS	3		UNIME	UNIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330662-003-01-01-Z1					
JOB NA	AME																	2020/			
JOB No																				_	
P.O.No		ODE	AP0-2	P0-2004-0010													K		7 2		
PRODUC	<i>J</i> 1	ODE																	_		
Figure	. ا	10SJ1	•									Valv	e No								
Figure 10SJ1 Valve No. Material ASTM A 395 Gr. 60-40-18 Item No.									5												
Ch	arge	No.		Display No.				Name of Parts													
1 139 2 13F 3						BODY BONNET															
	CAL	COMP	OSITIO	N %			·														
Elemen		C	Si	Р	Mn																
Spe	ec.	Min 3.00	*Max 2.50	Max 0.080																	
1		3.62	2.66	0.018																	
2		3.61	2.60	0.019	0.2	9															
4	- 4																				
Elemen Spe															\dashv						
	_														_				+		
1 2																					
3 4																					
TENSI	ION	TEST			<u> </u>			<u> </u>					IMPAC	T TES	T ST						
Item							tr. Yield s		Elongat	ion											
Unit Spec.						<u>MPa</u> Min	MPa Min		% Min	_		-				+	+				
	lacksquare					415	275		18												
1 2						425 430	281 282		21 21												
3 4																					
Item	Hai	rdness	Micros	structure	<u> </u>		<u> </u>		<u> </u>		Т				I	1		1			
Unit	HBV	V	%	Tracture .																	
Spec.	143 187		Min 90																		
1	143	3	90																		
2	143	3	90																		
4	<u> </u>																				
HEAT Spe		ATMEN	T C																		
1	. . .	1									\top										
2 3																					
4																					
N:Normalizing A:Annealing WQ:Water Quenching				g	T:Tempering WC:Water Cooling					Q:Quenching FC:Furnace Cooling				AC:Air Cooling g ST:Solution Treatment							
REMAR																					
* Eve	ry ().01% F Type 2.	reduc	tion e	nab I	es 0.08	% Si ind	creas	se each	n with	nin t	he ma	ximum	2.75	6.						
EN 102	∪4 l	ype 2.	2																		
													1		<i></i>						
													K	· · V	rlig	jazo	wo	τ .			
	Reviewed by										R. Miyazawa										