INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	RHD.				
DELIVER To								Date : 2020/07/03
JOB NAME								
JOB No.								
P.O.No.	AP0-2004	-0010						
PRODUCT CODE								
SPECIFICATION OF THE SPECIFICA	ON.				MAIN	PARTS		
Manuf No.	10203306	62-017				Name of pa	rts	Material
Description					BODY			
, , ,						BONNET		Gr. 60-40-18
Figure	20SY1							
Size	1			inch(B)				Material Gr. 60-40-18 Gr. 60-40-18 Attached sheet Material Test Result
Quantity	10							
Valve No.								
Item No.	25							
Kiki No.								
TEST								
Pressure test	t Judge.	Inspecti	on fluid a	and pressure	Item	Judg	е.	Attached sheet
Shell	Good	Hydro	4.2	MPa	Materi			
	Good	Air	2.8	MPa	Dimens	ion Good		
Seat		Hydro	-		Visual	Good		
	Good	Air	0.6	MPa	Operat	ion Good		
Back seat		Hydro	-					Material Gr. 60-40-18 Gr. 60-40-18 Attached sheet
		Air	-			isual Good peration Good		
NONDESTRUCT	IVE EXAMIN	ATION						
Type of exam				Attached she	et			
REMARKS				·				
	VE TEST BY L	ANDVIII IC SH	ELL TEST I	HAS BEEN PERFOR	MED			
REFRESENTATIO	VE IESI DI I	TIDRAULIC SH	ELL IESI I	TAS DEEN FERFOR	INIED			
						\mathcal{P}	m:	· IAC AUIA
						<i>70</i> ·	· rug	Judgett of
		Witnessed	bv	_		KiTZ	COR	PORATION

MATERIAL TEST RESULT

MESSRS		UNIME	UNIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330662-017-01-01-Z1					
JOB N	AME																		/07/03	
JOB No															1					_
P.O.No. APO-2 PRODUCT CODE		0-2004-0010													K		7 2			
TRODO	01 (JODE																		
Figure	e T	20SY1										Valve 1	No.							
			TM A 3	395 Gr	. 60	-40-18						Item No		25						
Charge No.		Display No.				Name of Parts														
1 138 2 13F					BODY BONNE	BONNET														
3 4							1			į										
	ICAL	L COMP	OSITIO	N %												•				
Eleme		C	Si *Max	P	Mn						_									
Spe	ес. <u>—</u>	Min 3.00	2.50	Max 0.080																
1 2		3.61 3.61	2.59 2.60	0.021																
3		3.01	2.00	0.013	0.2	~														
4 Eleme	nt										-				+					
Spe																				
1	<u> </u>										1									
2 3																				
4																				
	ION	TEST					I		L			IM	PAC	T TEST			_			
<u>Item</u> Unit						<u>Tensile st</u> MPa	r.Yield s		Elongati %	on					+					
Spec.					N	Min 415	Min 275		Min											
1						430	281		18 21											
2 3						430	282		21											
4																				
Item		rdness	Micros	structure	9															
Unit Spec.	14:		Win									_			<u> </u>					
	187 90			_											_					
1 143 90 2 143 90																				
3 4																				
HEAT		EATMEN	T °C																	
Sp	ec.										F									
1 2																				
3 4																				
N:Normalizing A:An			A:Annealing T:Tempering QQ:Oil Quenching WC:Water Cooling						Q:Quenching FC:Furnace Cooling				AC:Air Cooling g ST:Solution Treatment							
REMAI		ei wuen	unng	UQ:	UII (∡uen∪n1n(3	VV . W	ater 60	oring		ru:rl	iiiiaC	e 0001	ny	<u> </u>	1.301	ution	ı rea illen	ι
* Eve	ry (0.01% F	reduc	tion e	nabl	es 0.08	% Si inc	creas	se each	withir	n t	he maxi	mum	2.75%.						
EN102	204	Type 2	.2																	
													1	2	• \					
													K	··W	iya	za	wa	(
			Reviewed by											2 CO	Riyazawa RPORATION					