## INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	RHD.			
DELIVER To							Date : 2020/06/04
JOB NAME							
JOB No.							
P.O.No.	AP0-2004	-0010					
PRODUCT CODE							Material Gr. 60-40-18 Gr. 60-40-18  Attached sheet Material Test Result
SPECIFICATION	 				MAIN F	ADTO	J
Manuf No.	10203302	82_028				Name of parts	Material
Description	20K DUCT	OZ-UZO TLE IRON GLO	DRE VALVE	SCREWED ENDS	001		
003011711011	2010 5001	TEE THOM SEC	JOE VILVE	OOKENED ENDO		BONNET	
Figure	20SY2						
Size	2			inch(B)			
Quantity	5						
Valve No.							
Item No.	28						
Kiki No.							
TEST	<u> </u>						
Pressure test	t Judge.	Inspecti	on fluid:	and pressure	Item	Judge.	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	-				
		Air	-	MPa Operation Good			
NONDESTRUCT Type of exami				Attached she	ın t		
rype or exami	mation and	juugement		Attached she	:c l		
REMARKS				1			
	/F TEST BV L	HADBVIII IU ON	FII TEQT I	HAS BEEN PERFOR	MED		
KLIKLOLNIAII	VL ILSI DI I	IIDIAOLIC SII	LLL ILOI I	IAO DELN I ENI ON	INILU		
						D m	inan ausa
						10.110	iyazawa RPORATION
		Witnessed	by	<del>_</del>		KITZ CO	RPORATION

## MATERIAL TEST RESULT

MESSRS		UNIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330282-028-01-01-Z1							
JOB NAME																		/06/04			
	No																				_
P.O.No. PRODUCT CODE		APO-2004-0010												-		K		<b>T</b> 2			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		002																		
Fig	ure	2	20SY2										Valv	ve No.	Γ						
			al AS	TM A 3	395 Gr	. 60	-40-18						Iten	No.	28						
1	Cha	arge	No.						Name of Parts BODY												
1   138   2   13F					BONNET				<u>.</u>				į								
3																					
	EMI	CAL	. COMP	OSITIO	N %				<u></u>				!								
Εle	emen	t	С	Si	Р	Mn															
\	Spe	c. _	Min 3.00		Max 0.080																
1			3.61	2.59	0.021																
3			3.61	2.60	0.019	U.29	1														
4 E14	emen	+																			
	Spe															$\dashv$					
1	$\geq$	/							-							_					
2																					
3																					
TE	TENSION TEST										IMPAC	T TES	T.								
l te Un i							ensile st MPa	r.Yield s MPa		Elongat %	tion							-			
Spe						N	/lin	Min		Min								+			
1							115 130	275 281		18 21								+			
2							430	282		21											
3 4																					
Ιte	m	Har	rdness	Micros	structure	<del></del>		<u> </u>		<u> </u>											
	Unit HB %		% M:	·											+						
Spec. 143 187		Min 90	90																		
1 143 2 143		90	90																		
3		170	,																		
L4 HF	 AT -	TRF	ATMEN	 T °C						<u> </u>											
	Spe		/ TIME IT																		
1 2																					
3																					
4	N:No	orma	lizing		A:A	nneal	ing		T:Te	mperin	ıg		Q:	Quench i	ng		Д	C:Air	Cooli	ng	
WQ:Water Quenching 0Q:0il Quenching						<u> </u>	WC:Water Cooling FC:Furnace Coolin							ling	S	T:SoI	ution	Treatme	nt		
	MAR		) ()1% [	) radua	tion o	nahla	25 U U50	Si inc	rese	SA A30	h with	nin '	the ma	av i mı ım	2 750	<u>/</u>					
* Every 0.01% P reduction enables 0.08% Si increase each within the maximum 2.75%. EN10204 Type 2.2																					
														K	?. 1	Nig	uza	wo	(		
		Reviewed by  Reviewed by  Reviewed by													ΔT	ONI					
					ĸ	eviev	veu by								_ ~;	QC Ma	anager	~~ ( I'	<b>∵</b> । <b>∀</b>		