## INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	BHD.								
DELIVER To								Date : 2020/07/03				
JOB NAME												
JOB No.												
P.O.No.	AP0-2004	-0010										
PRODUCT CODE												
SPECIFICATIO	NC NC				MAIN	PARTS						
Manuf No.	10203306	62-014			No.		of parts	Material				
Description	CLASS 15	O DUCTILE IF	ON GLOBE	VALVE		BODY	σ. μα. το					
	FLANGED					BONNE	T	Gr. 60-40-18				
Figure	150SPB1											
Size	1			inch(B)								
Quantity	5											
Valve No.												
Item No.	19											
Kiki No.												
TEST												
Pressure test	t Judge.	Inspecti		and pressure	Item		Judge.	Attached sheet				
Shell	Good	Hydro	2.6	MPa	Mater	ial	Good	Material Test Result				
	Good	Air	1.8	MPa	Dimen	sion	Good					
Seat		Hydro	-		Visua	I	Good	Attached sheet				
	Good	Air	0.6	MPa	Opera	tion	Good					
Back seat		Hydro	-									
		Air	-									
								Material Gr. 60-40-18 Gr. 60-40-18  Attached sheet				
NONDESTRUCT	IVE EXAMIN	ATION					_					
Type of exami	ination and	judgement		Attached she	eet							
DEMARKS				·								
REMARKS	/F TEOT DV '	IVDDAIII 10 CII	CLL TEAT :	IAO DEEN DEDES	MED							
KEPKESENTATIV	AE LEST BY I	HYDRAULIC SH	ELL IESI I	HAS BEEN PERFOR	KMED							
							K m	iyazawa				
				_			'T = ^^-	/ ====================================				
		Witnessed	by			K		CORATION				

## MATERIAL TEST RESULT

MESSRS		UNIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330662-014-01-01-Z1							
JOB N	IAME																	: 202			
JOB N																					_
P.O.No. APO- PRODUCT CODE		AP0-2	P0-2004-0010													K					
TRODO	701	OODL																			
Figur	·e	150SPB	1									Val	lve No.								
		ial AS	TM A :	395 Gr	. 60	)-40-18	}						em No.	19							
Ch	narg	e No.		Display No.			Name	Name of Parts BODY									:				
1   138 2   13F						BONNET															
3 4																					
		L COMP																			
Eleme		C Min	Si *Max	P Max	Mn	_													-		
\	<u> </u>	3.00	2.50	0.080																	
1 2		3.61 3.61	2.59	0.021																	
3		0.01	2.00	0.010	0.2																
4 Eleme	ent																				
Sp	ec.																				
1	_																				
2																					
4																					
	ION	TEST			I-		. lv: 11		le i	1			IMPAC	T	EST						1
ltem Unit						MPa	str.Yield MPa	str.	ETonga %	ition											
Spec.						Min 415	Min 275		Min 18												
1						430	281		21												
2					,	430	282		21												
4																					
Item Unit	Ha HB	rdness	Micros	structure	Э																
Spec.	. 14	-3	Min				+														
1	_	187 90 143 90			+						+										
2	2 143 90																				
3 4																					
		EATMEN	T °C																		
Sp 1	ec.										$\dashv$										
2																					
3 4																					
N:Normalizing A:Annealing WQ:Water Quenching OQ:Oil Que				T:Tempering hing WC:Water Cooling					Q:Quenching FC:Furnace Cooling				AC:Air Cooling ng ST:Solution Treatment								
REMA																					
* Eve	ery	0.01% F Type 2	reduc	ction e	nab I	es 0.0	8% Si i	ncrea	se ead	ch wit	hin	the n	maximum	2.7	75%.						
EN IU2	∠U4	rype 2	. ∠																		
													K	?.	mi	yaz	aur	<b>a</b>			
				R	evie	wed by							KIT	20	COR		RAT	ion	_		
				11	5416	u by							'	`	QC N	/Janager	**	•			