INSPECTION CERTIFICATE

MESSRS	UNIMECH I	ENGINEERING	(M) SDN.	BHD.				Certificate No. 1020330282-019-01-01			
DELIVER To								Date : 2020/06/05			
JOB NAME											
JOB No.											
P.O.No.	AP0-2004	-0010						KITZ			
PRODUCT CODE								• • • • • •			
SPECIFICATION					MAIN			T			
Manuf No.	102033028	82-019	- OL ODE		No.		of parts	Material			
Description	FLANGED I	O DUCTILE IR ENDS	ON GLOBE	VALVE		BODY BONNE	Τ	Gr. 60-40-18 Gr. 60-40-18			
Figure	150SPB1										
Size	1			inch(B)							
Quantity	5										
Valve No.											
Item No.	19										
Kiki No.											
TEST											
Pressure test	Judge.			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						
	Good	Air	0.6	MPa	Opera	tion	Good				
Back seat		Hydro	-								
		Air	-								
NONDESTRUCTI	<u>l</u> VE EXAMIN	ATION									
Type of examin				Attached she	eet						
DEMARKO											
REMARKS	TECT DV L	AND VIII TO GIT	EII TECT I	HAS BEEN PERFOR	DMED						
REPRESENTATIVE	E LEST DI L	ITUKAULIC SH	ELL IESI I	1A3 DEEN PERFUR	KWIED						
							R. mi	yazawa			
					R. Miyagawa KITZ CORPORATION						

MATERIAL TEST RESULT

MESSRS		UNIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330282-019-01-01-Z1							
JOB NAME																			/06/05		
JOB No.																			_		
P.O.No. PRODUCT CODE		APO-2004-0010														K		T 2			
- 110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		002																		
Fig	jure	1	150SPB	 1									Valv	/e No.							
			al AS	TM A 3	395 Gr	. 60	-40-18						Iten	n No.	19						
1	Cha	irge	No.		Display No.				Name of Parts BODY								:				
2	1 138 2 13F							BONNET					! !								
3												<u>.</u>				į					
	EMI	MICAL COMPOSITION %													<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	0.29	'														
4 E14	emen	.+														-					1
	Spe															\top					
1	\geq	_														+					
2																					
3																					
TE	TENSION TEST											IMPAC	T TES	T				•			
Ite							ensile str IPa	Yield s MPa		Elongat %	ion										
	Unit Spec.			Mir		lin	Min		Min			\neg									
1							15 130	275 281		18 21											
2							130	282		21											
3 4																					
Ιte	em	Har	dness	Micros	structure	;				<u> </u>	•						<u> </u>	_			
Unit HB		%																			
Spec. 143 187		Min 90																			
1	1 143 2 143		90 90																		
3																					
4 HF	 AT -	TRF	ATMEN ⁻	 T °C						<u> </u>											
	Spe		/ TIME IT									Ţ									
1 2																					
3																					
4	N:No	orma	lizing		A:A	nneal	ing		T:Te	mperin	g		Q:	Quench i	ng		A	C:Air	Cooli	ng	
WQ:Water Quenching OQ:0il Quenching								WC:Water Cooling FC:Furnace Coolin							ling	S	T:SoI	ution	Treatme	nt	
	MAR) ()1% [) raduc	tion o	nahla	√80 U Sv	Si inc	rpac	20 020	h with	n f	the m	avimum	2 75%						
* Every 0.01% P reduction enables 0.08% Si increase each within the maximum 2.75%. EN10204 Type 2.2																					
														K	?. W	Niy	uza	wo	(
		Reviewed by KITZ COR)æ: 	yazawa RPORATION						
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