INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	Certificate No. 1020330662-019-01-01								
DELIVER To									2020/07/03		
JOB NAME											
JOB No.									1 TO		
P.O.No.	AP0-2004	-0010							ITZ		
PRODUCT CODE											
SPECIFICATIO	N				MAIN	PARTS	3				
Manuf No.	10203306	62-019			No.	Name	of parts	Material			
Description	20K DUCT	ILE IRON GLO	BE VALVE S	SCREWED ENDS	001 BODY			Gr. 60-40-18			
					002 BONNET			Gr. 60-40-18			
Figure	20SY11/2										
Size	11/2			inch(B)							
Quantity	5			- , ,							
Valve No.											
Item No.	27										
Kiki No.	 - -										
TEST	Ti. i	11	(1			-	1		-14		
Pressure test				nd pressure	Item		Judge.	Attached			
She I I	Good	Hydro	4.2	MPa	Mater	ıal	Good	Material	Test Result		
	Good	Air	2.8	MPa	Dimen	sion	Good				
	0000		2.0	Wii G							
Seat		Hydro	-		Visua	I	Good				
	Good	Air	0.6	MPa	Opera	tion	Good				
Back seat		Hydro	-								
		Air	-								
NONDESTRUCT I					- 4						
Type of exami	nation and	Juagement		Attached she	et						
REMARKS											
REPRESENTATIV	E TEST BY H	HYDRAULIC SH	ELL TEST H	AS BEEN PERFOR	MED						
							R. mi	yazawa			
				_			·	· /			
		Witnessed	by		R. Miyazawa KITZ CORPORATION						

MATERIAL TEST RESULT

MESSR	S		UNIME	UNIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330662-019-01-01-Z1				
JOB NAME																Date : 2020/07/03				
JOB No.														<u> </u>				_		
P.O.No. APO-2 PRODUCT CODE				P0-2004-0010												117				
TROBO	01 0	JODE												_						
Figure	е	20SY11	/2								Val	lve No.								
Material ASTM A 395 Gr. 60-40-18												27								
Charge No.			Display No.			Name of Parts								1						
1 138 2 13F 3 4					BODY BONNET															
	ICAL	L COMP	OSITIO	N %							•				•					
Eleme	_	C	Si	P	Mn															
Spe	ec. —	Min 3.00	*Max 2.50	Max 0.080																
1		3.61	2.59	0.021																
2		3.61	2.60	0.019	U.29															
4	4																			
Eleme Spe											+			+						
	_				-						-			1						
1 2																				
3																				
4 TENS	ION	TEST										IMPAC	T TEST							
Item	TENSION TEST Item								n		11111710	1 1201								
Unit Spec.				MPa Min		MPa % Min Min														
				415		15	275 18													
1 2						.30 .30	281 282		21 21											
3 4							202	,	<u>-</u> 1											
Item	Ha	rdness	Micros	structure	•		•					"								
Unit	HBW %																			
Spec.	Spec. 143 Min 187 90																			
1 143 90																				
2	14	.3	90																	
4			<u> </u>																	
HEAT Sp		EATMEN	T C							Ī										
1																				
2 3 4																				
N:Normalizing A:Annealing WQ:Water Quenching 0Q:0il Quenching				T:Tempering WC:Water Cooling					Q:Quenching FC:Furnace Cooling			AC:Air Cooling ST:Solution Treatment								
REMAI		or wucill	on ny	- OQ.	JII W	actioning		110.110	000			J., utilat	00011	9	51.00	.acion I	. Ja tillett	`		
* Eve	ry (0.01% F Type 2	reduc .2	ction e	nable	s 0.08%	Si inc	creas	e each	within	the n	maximum	2.75%.							
												Æ	?. m	ùyazi	awo	۹				
	Reviewed by										R. Miyazawa KITZ CORPORATION QC Manager									