INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	RHD.				Certificate No. 1020330662-008-01-01
DELIVER To								Date : 2020/07/03
JOB NAME								
JOB No.								
P.O.No.	AP0-2004	-0010						KITZ
PRODUCT CODE								
SPECIFICATION	N.				MAIN	PARTS		1
Manuf No.	10203306	62-008				Name of	narts	Material
Description	10K DUCT	ILE IRON GLO	BE VALVE	FLANGED ENDS		BODY	parts	Gr. 60-40-18
	Total Section					BONNET		Gr. 60-40-18
Figure	10SJBF32							
Size	32			mm(A)				
Quantity	4							
Valve No.								
Item No.	12							
Kiki No.	14					 		
TEST								
Pressure test	t Judge.	Inspection	on fluid a	and pressure	Item	1	Judge.	Attached sheet
Shell	Good	Hydro	2.1	MPa	Mater		Good	Material Test Result
	Good	Air	1.4	MPa	Dimen	sion	Good	
Seat		Hydro	-		Visua	I (Good	
	Good	Air	0.6	MPa	Opera	tion (Good	
Back seat		Hydro	-					
		Air	-					
			+					
NONDESTRUCT	IVE EXAMIN	ATION				·		
Type of exami	ination and	judgement		Attached she	eet			
DEMARKO				1				
REMARKS	/= ==== =···	N/BB 411/ - 2						
REPRESENTATIV	VE TEST BY I	HYDRAULIC SH	ELL TEST I	HAS BEEN PERFOR	RMED			
						1	P m	inanaura
							V . 770	iyazawa RPORATION
		W: • ·	les s	<u> </u>		Kit	Z (:0	RPORATION
		Witnessed	bv			1-41 1	ے حی	ISI OKALION

MATERIAL TEST RESULT

MESSR	S		UNIMECH ENGINEERING (M) SDN. BHD.										Certificate No.								
JOB NAME																Date : 2020/07/03					
JOB No.																					
P.O.No		ODE .	AP0-2	0-2004-0010												K	CI.		4		
TRODO	01 (JODE																			
Figure	e T	10SJBF	32								T _V	/alve No	. 1								
Material ASTM A 395 Gr. 60-40-18														12							
Charge No.		Display No.			Name of Parts																
1 139 2 13F 3 4					BODY BONNET																
	ICAL	L COMP	OSITIO	N %			1				•					<u>:</u>					
Eleme	nt	С	Si	Р	Mn																
Spe	ec.	Min 3.00	*Max 2.50	Max 0.080																	
1		3.62	2.66	0.018																	
2 3		3.61	2.60	0.019	0.29	'															
4 Eleme	n t							_			-										
Spe											\dagger										
1	<u> </u>	-						-			-							_			
2																					
3																					
	ION	TEST			<u> </u>							IMPA	\CT	TEST	<u> </u>						
Item						ensile sti			Elongatio	on											
Unit Spec.			MPa Min		MPa % Min Min				+												
	igspace					15	275		18			_									
1 2						·25 ·30	281 282		21 21												
3 4																					
Item	T Ha	rdness	Micros	structure	.		 		l				T			<u>_</u>		ı			
Unit	HB\	W	%									#									
Spec.	C. 143 Min 187 90																				
1	1 143 90											1									
2 143 90																					
4			<u> </u>																		
HEAT Sp		EATMEN	T C																		
1	<u>.</u>																				
2 3 4																					
N:Normalizing A:Annealing WQ:Water Quenching OQ:Oil Quenching					T:Tempering WC:Water Cooling					Q:Quenching FC:Furnace Cooling				AC:Air Cooling g ST:Solution Treatment							
REMAI		ei wuen	unng	UQ:	UII QI	uencning		WU:W	ater 600	n mg		ro:ruff	idC	- COOTIN	9	31:30	JIULION	rreat	ment		
* Eve	ry (0.01% F Type 2	reduc .2	ction e	nable	s 0.08%	Si ind	creas	e each	within	the	e maximu	m 2	2.75%.							
													R	mi	yazı	aur	a				
	Reviewed by											COF	DRPORATION C Manager								