INSPECTION CERTIFICATE

MESSRS	UNIMECH	ENGINEERING	(M) SDN.	BHD.			
ELIVER To							Date : 2020/06/04
JOB NAME							
JOB No.							
P.O.No.	AP0-2004	-0010					
PRODUCT CODE							• • • • •
SPECIFICATION OF THE SPECIFICA	ON				MAIN PARTS	3	
Manuf No.	10203302	82-013				of parts	Material Gr. 60-40-18 Gr. 60-40-18 Attached sheet Material Test Result
Description	10K DUCT	TILE IRON GLO	DBE VALVE	FLANGED ENDS	001 BODY		
					002 BONN	ET	Gr. 60-40-18
Figure	10SJBF40						
Size	40			mm(A)			Material Gr. 60-40-18 Gr. 60-40-18 Attached sheet
Quantity	4			(71)			
Valve No.							
Item No.	13						
Kiki No.							
TEST							
Pressure test				and pressure	Item	Judge.	
Shell	Good	Hydro	2.1	MPa	Material	Good	Material Test Result
	Good	Air	1.4	MPa	Dimension	Good	
Seat		Hydro	-		Visual Good		
	Good	Air	0.6	MPa	Operation	Good	
Back seat		Hydro	-				
		Air	 -				
NONDESTRUCT							
Type of exam	ination and	judgement		Attached she	eet		
DE1145://5							
REMARKS	\/F T FOT =:::	N/DD 4: 11 - 12 - 12		140 BEEN 5			
REPRESENTATI	VE TEST BY I	HYDRAULIC SH	ELL TEST I	HAS BEEN PERFOR	RMED		
						R.m	iyazawa
		Witnessed	by	_	ļe.	KİTZ COİ	RPORATION

MATERIAL TEST RESULT

Date : 2020/06/04 Date : 2020/06/06/04 Date : 2020/06/06/04 Date : 2020/06/06/06/06/06/06/06/06/06/06/06/06/06	MESSRS	S		UNIME	NIMECH ENGINEERING (M) SDN. BHD.												Certificate No. 1020330282-013-01-01-Z1				
DOR No.	JOB N	AME																			
Figure 10SJBF40																				_	
Figure 10SJBF40			0-2004-0010												K						
Material ASTM A 395 Gr. 60-40-18	TROBO	<u> </u>	JODE																		
Charge No. Display No. Name of Parts 1139	Figure	е	10SJBF	40									Valve No								
Charge No.			ial AS	TM A :	395 Gr	. 60	-40-18								13						
2 13 3 4	Ch	Charge No.									_					:					
Composition Second S	2 13	2 13F																			
CHEMICAL COMPOSITION % Element C Si P Mn												- {					-				
Spec. Min Max Ma		ICAL	COMP	OSITIO	N %							•									
3.00 2.50 0.080						Mn						_									
3.61 2.60 0.019 0.29	Spe	ec.	3.00	2.50	0.080																
Spec. Spec																					
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Unit MPa		ION	TEST			1-	Fanaila at	r V: ald a		Clangat:	- I		IMP/	CT	TEST						
1	Unit					1	MPa	MPa		%	OII										
1	Spec.																				
Item Hardness Microstructure							425	281		21											
Item Hardness Nicrostructure Unit HB % Spec. 143 Min 187 90 1 143 90 2 143 90 3 4 4 90 3 4 4 90 N:Normalizing A:Annealing T:Tempering Q:Quenching AC:Air Cooling WC:Water Quenching O0:0il Quenching WC:Water Cooling FC:Furnace Cooling ST:Solution Treatment REMARKS * Every 0.01% P reduction enables 0.08% Si increase each within the maximum 2.75%. EN10204 Type 2.2	3					ľ	430	282		21											
Unit HB % Spec. 143 Min 90 1 143 90 2 1443 90 3 4 143 90 3 4 143 90 N:Normalizing A:Annealing T:Tempering Q:Quenching AC:Air Cooling WC:Water Quenching OQ:Oil Quenching WC:Water Cooling FC:Furnace Cooling ST:Solution Treatment REMARKS * Every 0.01% P reduction enables 0.08% Si increase each within the maximum 2.75%. EN10204 Type 2.2	4																				
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2 3 4		ec.										+									
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WQ:Water Quenching OQ:Oil Quenching WC:Water Cooling FC:Furnace Cooling ST:Solution Treatment REMARKS * Every 0.01% P reduction enables 0.08% Si increase each within the maximum 2.75%. EN10204 Type 2.2	4																				
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EN10204 Type 2.2			_		_										_			_	_		
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R. Miyazawa	-11102	∪ T	.ypc ∠.	· <u>~</u>																	
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