# INSPECTION CERTIFICATE

MESSRS	UNIMECH ENGINEERING (M) SDN. BHD.	Certificate No.
		1020330282-015-01-01
DELIVER TO		Date : 2020/06/04
JOB NAME		
JOB No.		
P.O.No.	AP0-2004-0010	= KITZ
PRODUCT CODE		

#### SPECIFICATION

Manuf No.	1020330282-015											
Description	10K DUCTILE IRON GLOBE VALVE FLANGED ENDS											
Figure	10SJBF65											
Size	65 mm(A)											
Quantity	2											
Valve No.												
Item No.	15											
Kiki No.												

## MAIN PARTS

No.	Name of parts	Material
001	BODY	Gr. 60-40-18
002	BONNET	Gr. 60-40-18

### TEST

Pressure test	Judge.	Inspecti	Inspection fluid and pressure								
Shell	Good	Hydro	2.1	MPa							
	Good	Air	1.4	MPa							
Seat		Hydro	-								
	Good	Air	0.6	MPa							
Back seat		Hydro	-								
		Air	-								
			-								

ltem	Judge.	Attached sheet
Material	Good	Material Test Result
Dimension	Good	
Visual	Good	
Operation	Good	

### NONDESTRUCTIVE EXAMINATION

Attached sheet

#### REMARKS

REPRESENTATIVE TEST BY HYDRAULIC SHELL TEST HAS BEEN PERFORMED

Witnessed by

R. Miyazawa KITZ CORPORATION QC Manager

We hereby certify that the articles listed above are satisfactory in accordance with the requirements of the standard and purchase order.

# MATERIAL TEST RESULT

				-											50							
MESSRS UNIMECH ENGINEERIN						RING (M) SDN. BHD.										Certificate No. 1020330282-015-01-01-Z1						
JOB NA	ME																					
JOB No	).												Date : 2020/06/04									
P.O.No. APO-2004-0010										K	Ĩ	<b>Г</b> 2										
PRODUCT CODE																						
Figure	10	SJBF	65											e No.	   -							
	rerial ASTM A 395 Gr. 60–40–18 Arge No. Display No. Name of Parts																					
1 139		NO .			ay no	).		<u>Name c</u> BODY	ot Pa	rts												
2 13								BONNET	T													
3												į										
			OSITIO	NI 0/																		
Elemer			Si	P	Mn																	
Spe	c. Mi	in	*Max	Max																		
1		.00	2.50	0.080 0.018	0.00										+-					_		
2			2.66 2.60	0.018																		
3																						
4 Elemer	nt l																					
Spe																						
	$\rightarrow$																					
1 2																						
3																						
		-07													<b>-</b>							
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Unit						MPa		MPa		%												
Spec.						Min		Min		Min												
1						415 425		275 281		18 21												
2						430		282		21												
3 4																						
ltem	Hardr	0000	Mioros	I structure													1					
Unit	HB	1622	%	structure	;																	
Spec.	143		Min																			
1	187 143		90 90		-																	
2	143		90																			
3 4																						
HEAT			 г°о																			
Spe	ENERT C.																					
1																						
2 3																						
3 4																						
	N:Normalizing A:Annealing T:Tempering WQ:Water Quenching OQ:Oil Quenching WC:Water Cooling									Q:Quenching AC:Air Cooling FC:Furnace Cooling ST:Solution Treatment												
		Quenc	ning	UQ:		uenchi	ng		WC:Wa	ater Co	oring		FC	:Furna	ce Co	bling		51:501	ution	reatmen	τ	
REMAR		)1% P	, reduc	tion e	nahlu	es 0 0	8% \$	Si inc	reas	e each	with	in t	he ma	ximum	2 75	%						
EN1020	04 Typ	be 2.	2				5.0 0															

Reviewed by

R. Miyazawa

KITZ CORPORATION QC Manager

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